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ABSTRACT

Some 111 documents and 80 journal articles published between 1965 and 1972 are cited in this bibliography on outdoor education. Part I contains citations and abstracts which appeared in "Research in Education" between April 1971 and September 1972. Part II includes citations of journal articles from "Current Index to Journals in Education" from the January 1971 issue through the September 1972 issue. In addition to outdoor education, the areas of conservation education, recreation, ecology, and natural resources are represented in this bibliography. Types of materials cited include research reports, program descriptions, instructional materials, and teaching guides. In order to facilitate location of documents in a specific subject area, an index of subject terms is provided at the end of this publication. Ordering information for the ERIC materials cited and an order form are also provided. Related documents are ED 037 285 and ED 055 702. (NQ)

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OUTDOOR EDUCATION

A SELECTED BIBLIOGRAPHY
(WITH ERIC ABSTRACTS)

ERIC/CRESS SUPPLEMENT NO. 2

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EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

CLEARINGHOUSE ON RURAL EDUCATION AND SMALL SCHOOLS (CRESS)

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Las Cruces, New Mexico 88003

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PREFACE

The Educational Resources Information Center (ERIC)--a federally funded national information system dedicated to the improvement of education through the dissemination of educational resources and research-related materials--aids school administrators, teachers, researchers, information specialists, professional organizations, and students in locating and using educational resources.

As one of eighteen ERIC network centers, each of which focuses on a separate area (or areas) of education, ERIC Clearinghouse on Rural Education and Small Schools is responsible for collecting materials related to rural education and small schools, and American Indian, Mexican American, migrant, and outdoor education for input into the national ERIC system.

One of the main functions of the ERIC system is to process documents other than current journal articles for announcement in Research in Education (RIE), a monthly publication containing abstracts of research and research-related reports in education as input by the various clearinghouses. RIE contains subject, author, and institution indexes, along with document resumes which include the ERIC (ED) accession number, author(s), title, source(s), publishing date, ERIC Document Reproduction Service prices or an alternate availability, and the abstract.

In addition, ERIC compiles the Current Index to Journals in Education (CIJE), a monthly index which provides citations from more than five hundred major educational publications: journals, quarterlies, annuals, and yearbooks.

SOURCE OF MATERIAL

The present bibliography was compiled to provide access to some of the latest research findings and developments on outdoor education. The bibliography is a supplement to two previous ERIC/CRESS publications: Outdoor Education, A Selected

Bibliography (ED 037 285) and Outdoor Education, A Selected Bibliography. Supplement No. 1 (ED 055 702). The previously published bibliographies, in conjunction with the present supplement, comprise a series of bibliographies designed to provide cumulative coverage of outdoor education throughout currently available issues of RIE and CIJE. (It should be noted that microfiche and hard copy prices in the previously published bibliographies do not reflect current ERIC Document Reproduction Service pricing; however, prices given therein may be computed as per the instructions on the order blank appended to the present bibliography.)

A combined RIE and CIJE index is included at the end of the present bibliography to assist the user in locating citations pertaining to a given subject area within the realm of outdoor education. The index terms, descriptors under which the citations were indexed in RIE or CIJE, are from the Thesaurus of ERIC Descriptors.

Research in Education

Part I of the present supplement contains citations and abstracts which have appeared in RIE from the April 1971 issue through the September 1972 issue. When using the RIE section of this bibliography, the reader is encouraged (1) to utilize the subject index in identifying relevant materials, (2) to examine the resumes to determine appropriateness of materials, and (3) to obtain microfiche or hard copy reproductions of documents from ERIC Document Reproduction Service. The reproductions must be ordered as described on the order blank appended to the present bibliographic supplement.

The reader is reminded that there are numerous complete microfiche collections of ERIC materials throughout the nation which may be used by the public; contact the Information Specialist at ERIC/CRESS for information on locations of these collections.

Current Index to Journals in Education

Part II of this supplement, CIJE coverage, includes citations from CIJE beginning with the January 1971 issue and continuing through the September 1972 issue. Entries listed in the CIJE section of this bibliography are processed in a slightly different manner than are RIE citations: (1) an EJ number rather than a ED number precedes each entry; (2) some descriptive terms (identifiers) not found in the Thesaurus of ERIC Descriptors are included with the citations; (3) major and minor descriptors are are included, with majors (those retrievable via the index) being preceded by asterisks; and (4) brief annotations take the place of RIE abstracts when it is thought that the article being processed cannot be described adequately by a combination of major and minor descriptors, identifiers, and information in the title. Each journal citation also includes the publication date, article title, personal author(s), journal title (sometimes abbreviated), and information on the volume, number, and pages.

The CIJE citations in this bibliography, as well as the RIE citations, appear in numerical order according to the accession number (the EJ or ED number) in the text. Please note that there are two CIJE entries per page.

All CIJE entries are referenced in the subject index by major descriptors and are preceded by the prefix EJ rather than ED. Since CIJE entries are not available from ERIC Document Reproduction Service, the reader is encouraged to take advantage of his local library in locating the journals he wishes to use.

ORDERING INFORMATION

Publications cited in Part I of this bibliography are either available from ERIC Document Reproduction Service (EDRS) or an alternate availability is given with the citation. Prices for microfiche or hard copy (HC) reproductions from EDRS are provided with each citation.

Before ordering any item, the RIE citations should be double checked. If the citation carries the statement NOT AVAILABLE FROM EDRS, an alternate availability is given. If the citation carries the statement HC NOT AVAILABLE FROM EDRS, the publication is available in microfiche only from EDRS. If neither of the foregoing statements appears with the RIE citation, it may be assumed that the publication is available from EDRS in microfiche and hard copy. Please use the order blank appended to this bibliography when ordering microfiche or hard copy from EDRS.

DOCUMENT CONTRIBUTIONS

Persons desiring to contribute materials such as those cited in this bibliography may do so by sending one copy (two if available) to

ERIC/CRESS Acquisitions
New Mexico State University
Box 3AP
Las Cruces, New Mexico 88003

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PART I: CITATIONS FROM
RESEARCH IN EDUCATION

ACCESSION NUMBER: ED045228

PUBLICATION DATE: 7 APR 70

TITLE: COMMITTEE REPORT ON OUTDOOR EDUCATION FOR INNER-CITY SCHOOLS OF THE COUNCIL ON OUTDOOR EDUCATION AND CAMPING.

DESCRIPTOR: *CONFERENCE REPORTS; *INNER CITY; *OUTDOOR EDUCATION; *PROGRAMS; RESIDENT CAMP PROGRAMS; STATE FEDERAL AID; *URBAN YOUTH

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 9P.; REPORT ON THE CONVENTION OF THE AMERICAN ASSOCIATION OF HEALTH, PHYSICAL EDUCATION AND RECREATION (85TH, SEATTLE, WASHINGTON, APRIL 3-7, 1970)

A STATE-BY-STATE LISTING OF THE APPROVED ELEMENTARY AND SECONDARY EDUCATION ACT TITLE I OUTDOOR EDUCATION PROGRAMS FOR INNER-CITY SCHOOLS, SOURCES FOR ADDITIONAL INFORMATION, AND 1- OR 2-SENTENCE COMMENTS ABOUT THE PROGRAMS ARE FOUND IN THIS COMMITTEE REPORT. THE FINAL PAGE LISTS THOSE PROGRAMS CARRIED ON IN THE VARIOUS STATES THAT ARE NOT FUNDED BY TITLE I, AND INCLUDES ADDITIONAL SOURCE INFORMATION. (LS)

ACCESSION NUMBER: ED045246

PUBLICATION DATE: MAY 70

TITLE: OUTDOOR RECREATION. PUBLICATIONS AND ARTICLES BY THE ECONOMIC RESEARCH SERVICE, 1962-69.

PERSONAL AUTHOR: JOHNSON, HUGH A., COMP.

DESCRIPTOR: *BIBLIOGRAPHIES; CAMPING; *ECONOMIC DEVELOPMENT; FORESTRY; *LEISURE TIME; OUTDOOR EDUCATION; *RECREATION FINANCES; *RURAL DEVELOPMENT; VACATION PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 10P.

THE REPORT IS A COMPILATION OF 101 ARTICLES, REPORTS, AND SPEECHES ON OUTDOOR RECREATION IN THE UNITED STATES. MATERIALS COVERED ARE WRITTEN BY PERSONNEL OF THE ECONOMIC RESEARCH SERVICE (UNITED STATES DEPARTMENT OF AGRICULTURE) AND WERE PUBLISHED SEPARATELY OR IN PROCEEDINGS, JOURNALS, CONGRESSIONAL DOCUMENTS, AND OTHER USUALLY RETRIEVABLE FORMS DURING 1962-69. IN GENERAL, THE MATERIAL DISCUSSES OUTDOOR RECREATION FROM THE POINT OF VIEW OF ECONOMICS AND COVERS A WIDE RANGE OF ECONOMIC RESEARCH SERVICE RESOURCE-MANAGEMENT CONCERNS. (AUTHOR/LS)

ACCESSION NUMBER: ED045249

PUBLICATION DATE: DEC 70

TITLE: SCHOOL GARDENS AND FARMS--ASPECTS OF OUTDOOR EDUCATION.

PERSONAL AUTHOR: MILLER, PEGGY L.

DESCRIPTOR: *CONSERVATION EDUCATION; *CURRICULUM DEVELOPMENT; ECOLOGY; *EDUCATIONAL FACILITIES; ELEMENTARY EDUCATION; GREENHOUSES; *GUIDES; HANDICAPPED; LAND USE; LEARNING ACTIVITIES; *OUTDOOR EDUCATION; PRESCHOOL EDUCATION; SCIENCES; SECONDARY EDUCATION

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 28P.

THE DOCUMENT PLACES EMPHASIS UPON THE NEED FOR SCHOOL FARM AND GARDEN PROGRAMS. IT IS NOTED THAT TODAY'S YOUTH ARE DENIED OPPORTUNITIES FOR MEANINGFUL PHYSICAL WORK EXPERIENCES IN THE HOME, COMMUNITY, AND SCHOOL. REASONS FOR LACK OF OPPORTUNITIES INCLUDE OVERCROWDED RESIDENTIAL AREAS, LACK OF LAND AREAS, SCHOOLS IGNORING THEIR CHARGE TO PROVIDE LEARNING OPPORTUNITIES, AND LACK OF WORTHY USE OF LEISURE TIME. IT IS BELIEVED THAT NOT ENOUGH CONCRETE LEARNING EXPERIENCES IN EDUCATIONAL INSTITUTIONS ARE PROVIDED; THUS, GUIDELINES ARE GIVEN FOR IMPLEMENTING SCHOOL GARDENS, SCHOOL FARMS, ORCHARDS, AND BERRY PATCHES. OTHER RELATED FACILITIES AND PROGRAMS SUGGESTED INCLUDE RESTORATION OF A SAW MILL, GRISTMILL, GENERAL STORE, COMMUNITY CHURCH, POST OFFICE, PIONEER MUSEUM, OR BLACKSMITH SHOP. SOME SPECIAL EVENTS SUGGESTED ARE APPLE-BUTTER MAKING, CORNHUSKING BEES, MAPLE-SYRUP MAKING, QUILTING BEES, CANDLE MAKING, SOAP MAKING, BUTTER MAKING, ICE-CREAM MAKING, AND DYE MAKING. IT IS BELIEVED THAT A FAR-SIGHTED SCHOOL DISTRICT WILL PROVIDE FOR MULTIPLE USE OF FARM AND GARDEN FACILITIES AND RELATED PROGRAMS TO REACH A WIDE VARIETY OF PARTICIPANTS (INCLUDING PRESCHOOL CHILDREN AND THE HANDICAPPED). SIGNIFICANT VALUES OF FARM AND GARDEN PROGRAMS ARE LISTED, AND CURRICULUM DEVELOPMENT ACTIVITIES ARE SURVEYED. (EL)

AVAILABILITY: MANAGER, DUPLICATING SERVICE, NEW MEXICO STATE UNIVERSITY, P. O. BOX 3-CB, LAS CRUCES, NEW MEXICO 88001 ($0.75)

ACCESSION NUMBER: ED045278

PUBLICATION DATE: 70

TITLE: OUTDOOR RECREATION IN AMERICA. TRENDS, PROBLEMS, AND OPPORTUNITIES.

PERSONAL AUTHOR: JENSEN, CLAYNE R.

DESCRIPTOR: AGENCY ROLE; ECONOMIC FACTORS; ENVIRONMENTAL EDUCATION; GOVERNMENT ROLE; *LEGISLATION; *LEISURE TIME; *NATURAL RESOURCES; *OUTDOOR EDUCATION; PARKS; *RECREATION

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 285P.

CONTAINING 14 CHAPTERS OF INFORMATION ABOUT AGENCIES, PROGRAMS, PROBLEMS, AND TRENDS RELATED TO OUTDOOR RECREATION, THIS BOOK IS DESIGNED TO COVER THE FIELD OF STUDY AND (1) TO INTERPRET THE PRESENT AND FUTURE SIGNIFICANCE OF OUTDOOR RECREATION, (2) TO DESCRIBE THE RESPONSIBILITIES OF THE NUMEROUS AGENCIES AND ORGANIZATIONS INVOLVED, (3) TO COVER RECENT LEGISLATION AND PROGRAMS WHICH WILL SIGNIFICANTLY INFLUENCE OUTDOOR RECREATION IN THE FUTURE, (4) TO POINT OUT THE NEED FOR INTERAGENCY COOPERATION AT DIFFERENT LEVELS, AND (5) TO IDENTIFY CURRENT AND POTENTIAL PROBLEMS WITH RESPECT TO OUTDOOR RECREATION. THE BOOK SHOULD BE ESPECIALLY MEANINGFUL TO TEACHERS AND STUDENTS IN RECREATION, NATURAL RESOURCE MANAGEMENT, AND OUTDOOR EDUCATION; TO EMPLOYEES OF RESOURCE MANAGEMENT AGENCIES, BOTH GOVERNMENT AND PRIVATE; TO PARK AND RECREATION ADMINISTRATORS; AND TO LAYMEN CONCERNED WITH USE OF NATURAL RESOURCES FOR THE ENJOYMENT OF THE PEOPLE. (AUTHOR/AN)

AVAILABILITY: BURGESS PUBLISHING COMPANY, 426 SOUTH SIXTH STREET, MINNEAPOLIS, MINNESOTA 55415 ($6.50)

ACCESSION NUMBER: ED045351

PUBLICATION DATE: JAN 70

TITLE: OUTDOOR RECREATION RESEARCH, A REFERENCE CATALOG, 1969, NUMBER 3.

DESCRIPTOR: *ANNOTATED BIBLIOGRAPHIES; *ENVIRONMENTAL EDUCATION; GOVERNMENT PUBLICATIONS; LAND USE; NATURAL RESOURCES; *OUTDOOR EDUCATION; RECREATIONAL FACILITIES; *RESEARCH; WILDLIFE MANAGEMENT

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 120P.

THIS REFERENCE CATALOG DESCRIBES 371 CURRENT OR COMPLETED ENVIRONMENTAL AND OUTDOOR RECREATION RESEARCH PROJECTS. THE PROJECTS ARE SUMMARIZED AND INDEXED ACCORDING TO SUBJECT, INVESTIGATOR, CONTRACTING AGENCY, AND SUPPORTING AGENCY. THE COMPILATION IS DESIGNED TO ASSIST SCIENTISTS, ADMINISTRATORS, PLANNERS, AND STUDENTS BY FACILITATING THE EXCHANGE OF INFORMATION AND RESEARCH RESULTS. SELECTION OF PROJECTS WAS BASED ON THE RELATIONSHIP OF THE RESEARCH TO THE FIELD OF OUTDOOR RECREATION AND ENVIRONMENTAL QUALITY ASPECTS OF RECREATION RESOURCES. (BB)

AVAILABILITY: SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTO, D.C. 20402 (CAT. NO. 166.18:3, $1.25)

ACCESSION NUMBER: ED045354

PUBLICATION DATE: 69

TITLE: THE COMMUNITY SCHOOL SITE, A LABORATORY FOR LEARNING.

DESCRIPTOR: CONSERVATION EDUCATION; *EDUCATIONAL FACILITIES; EDUCATIONAL PARKS; *ENVIRONMENTAL EDUCATION; NATURE CENTERS; *OUTDOOR EDUCATION; *SITE DEVELOPMENT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 29P.

INCLUDED ARE SEVERAL PAPERS PRESENTING IDEAS FOR DEVELOPING OUTDOOR LAND LABORATORIES. INCLUDED ARE PROCEDURES USED IN DEVELOPING OUTDOOR LABORATORIES AS EDUCATIONAL LABORATORIES, COMMUNITY AND SCHOOL USES OF THE FACILITIES, LANDSCAPING, AND VARIOUS NATURAL SCIENCE, MATHEMATICS AND ART USES. SOURCES OF HELP IN INITIATING AND MAINTAINING THE SCHOOL SITE ARE ALSO IDENTIFIED. (BB)

ACCESSION NUMBER: ED045367

PUBLICATION DATE: SEP 69

TITLE: OUTDOOR NATURAL SCIENCE LABORATORY PROJECT. INQUIRY INTO INNOVATIONS SERIES.

PERSONAL AUTHOR: SOKOL, ALVIN P.; MARSHALL, JON C.

DESCRIPTOR: ATTITUDES; *ELEMENTARY SCHOOL TEACHERS; *ENVIRONMENTAL EDUCATION; *FIELD TRIPS; NATURAL SCIENCES; OUTDOOR EDUCATION; *PROGRAM EVALUATION; *TEACHER ATTITUDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 127P.

INCLUDED IN THIS REPORT IS A DESCRIPTION OF THE OUTDOOR NATURAL SCIENCE LABORATORY AND ACTIVITIES CONDUCTED AT THE LABORATORY, EVALUATION OF ACTIVITIES OF TEACHER-NATURALISTS, EVALUATION OF A TEACHER WORKSHOP, AND ANALYSIS OF FIELD TRIPS. THE ANALYSIS OF THE FIELD TRIPS INCLUDED PROCESS ANALYSIS DATA AND DATA OBTAINED FROM QUESTIONNAIRES COMPLETED BY ELEMENTARY TEACHERS REGARDING UTILITY OF FIELD TRIPS, GENERAL MANAGEMENT OF FIELD TRIPS, EFFECTIVE CONCERNS ASSOCIATED WITH FIELD TRIPS, AND MANAGEMENT AND UTILITY OF OUTDOOR NATURAL SCIENCE FIELD TRIPS. THE FIELD TRIP OPINION SCALE AND ITEM ANALYSIS DATA ARE APPENDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. NOT AVAILABLE IN HARDCOPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (BB)

10

ACCESSION NUMBER: ED045375

PUBLICATION DATE: 70

TITLE: THE SEA, AN INTERDISCIPLINARY APPROACH TO MARINE SCIENCE FOR ELEMENTARY SCHOOL CHILDREN.

PERSONAL AUTHOR: VAIUSO, FRANK

DESCRIPTOR: CONSERVATION EDUCATION; *ELEMENTARY SCHOOL SCIENCE; ENVIRONMENT; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OCEANOLOGY; OUTDOOR EDUCATION; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 20P.

THIS TEACHER'S GUIDE DEVELOPS AN INTERDISCIPLINARY APPROACH TO MARINE SCIENCE FOR ELEMENTARY SCHOOL CHILDREN. THE LESSONS ARE CONCERNED WITH FOOD CHAINS, INTERDEPENDENCIES, PHYSICAL CHARACTERISTICS, COMPARATIVE DISSECTIONS, AND STUDENT INVOLVEMENT IN POLITICAL ISSUES DEALING WITH WATER AND AIR POLLUTION. FOR EACH ACTIVITY SUGGESTIONS ARE PROVIDED REGARDING OBJECTIVES, MATERIALS NEEDED, PROCEDURE, EVALUATION, AND FOLLOW-UP. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BB)

AVAILABILITY: NEWPORT-MESA UNIFIED SCHOOL DISTRICT, SPACE SCIENCE LEARNING PROGRAM, MRS. FAY HARRISON, 1601 16TH ST., NEWPORT BEACH, CALIF. 92660

ACCESSION NUMBER: ED045378

PUBLICATION DATE: NOV 68

TITLE: STUDENT'S FIELD LOG FOR GROUPING ANIMALS, WORKING PAPER. SECOND REVISION.

PERSONAL AUTHOR: DWYER, ROBERT L.

DESCRIPTOR: *CLASSIFICATION; *ELEMENTARY SCHOOL SCIENCE; *FIELD TRIPS; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; OUTDOOR EDUCATION; TAXONOMY; ZOOLOGY

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 41P.

THIS FIELD LOG FOR GROUPING ANIMALS IS DEVELOPED AROUND A FIELD EXPERIENCE AT THE ZOO. THE FIELD GUIDE IS ORGANIZED IN THREE SECTIONS. SECTION ONE, FOR USE BEFORE THE FIELD TRIP, DEVELOPS THE BASIC CONCEPT OF CLASSIFICATION. SECTION TWO, FOR USE AT THE ZOO, GUIDES THE STUDENTS TO MAKE DIRECT OBSERVATIONS TO CLASSIFY THE ANIMALS. SECTION THREE, FOR USE AFTER THE FIELD TRIP, LEADS THE STUDENT TO OTHER ASPECTS OF CLASSIFICATION. THE LOG IS DESIGNED FOR USE BY ELEMENTARY SCHOOL STUDENTS. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BB)

ACCESSION NUMBER: ED045380

PUBLICATION DATE: 4 AUG 70

TITLE: A CURRICULUM ACTIVITIES GUIDE TO WATER POLLUTION AND ENVIRONMENTAL STUDIES.

PERSONAL AUTHOR: HERSHEY, JOHN T.; AND OTHERS

DESCRIPTOR: CONSERVATION EDUCATION; ECOLOGY; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; OUTDOOR EDUCATION; POLLUTION; *SECONDARY SCHOOL SCIENCE; *TEACHING GUIDES; *WATER RESOURCES

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 641P.

THIS ACTIVITY ORIENTED ENVIRONMENTAL GUIDE IS THE RESULT OF COOPERATIVE EFFORTS OF HIGH SCHOOL TEACHERS, STUDENTS, SCIENTISTS, AND TECHNICIANS. THE ACTIVITIES ARE DIVIDED INTO FOUR CHAPTERS: HYDROLOGIC CYCLE; HUMAN ACTIVITIES; ECOLOGICAL PERSPECTIVES; AND SOCIAL AND POLITICAL FACTORS. EACH ACTIVITY CONTAINS SEVEN PARTS: AN INTRODUCTION; QUESTIONS REGARDING THE ACTIVITY; EQUIPMENT; PROCEDURES; RESULTS OBTAINED BY USING THE STUDY; LIMITATIONS AND PROBLEMS ENCOUNTERED WITH THE ACTIVITY; AND AN ANNOTATED BIBLIOGRAPHY. THERE ARE SEVEN APPENDICES AT THE END OF THE GUIDE. THE APPENDIX INCLUDES A DISCUSSION OF WATER QUALITY PARAMETERS, AIDS TO IMPLEMENTATION, SUGGESTIONS REGARDING LIMITATIONS AND INCONVENIENCES, SUGGESTIONS RELATED TO EVALUATION, A BIBLIOGRAPHY, A WATER POLLUTION AND ENVIRONMENTAL GLOSSARY, AND COMMENTS REGARDING LABORATORY AND FIELD SAFETY. (RH)

AVAILABILITY: PHILIP MURPHY, TILTON SCHOOL, TILTON, N.H. 03276 (EST. PR. $5.00-$8.00)

ACCESSION NUMBER: ED045402

PUBLICATION DATE: 69

TITLE: THE WORLD AROUND THEM: ENVIRONMENTAL EDUCATION IN THE URBAN ENVIRONMENT.

PERSONAL AUTHOR: HENDERSON, ERNEST L.

DESCRIPTOR: *ELEMENTARY SCHOOL SCIENCE; ENVIRONMENT; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; RESOURCE MATERIALS; TEACHING GUIDES; *URBAN ENVIRONMENT

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 27P.

THIS MANUAL IS A TEACHER'S GUIDE TO ENVIRONMENTAL STUDY ACTIVITIES FOR INTERMEDIATE GRADE STUDENTS IN URBAN AREAS. IT IS DIVIDED INTO FOUR COLOR CODED SECTIONS: A CITY BLOCK-AN ENVIRONMENTAL DESIGN; THE STREETS OF THE CITY; NOISE POLLUTION; AND STUDENT WORKSHEETS AND STUDY GUIDES. EACH OF THESE SECTIONS PRESENTS OBJECTIVES, GENERALIZATIONS, AND PROCEDURES FOR ACTIVITIES. THE GUIDE SUGGESTS MANY DISCUSSION TOPICS AND ACTIVITIES INVOLVING THE INVESTIGATION OF ENVIRONMENTAL CONDITIONS IN THE VICINITY OF THE SCHOOL. THESE OUTDOOR ACTIVITIES ARE CONCERNED WITH LAND USE, PHYSICAL CHANGE, KINDS OF STREETS, STREET PLANNING, TRAFFIC, STREET MAINTENANCE, STREET DRAINAGE, LOUDNESS OF SOUND, AND SOUNDS, NOISES, AND PEOPLE. (PR)

AVAILABILITY: CONSERVATION AND ENVIRONMENTAL STUDIES CENTER FOR SOUTHERN NEW JERSEY, BOX 2230, RD 2, BROWNS MILLS, N.J. 08015 ($2.00)

ACCESSION NUMBER: ED045403

PUBLICATION DATE: 68

TITLE: INTERDISCIPLINARY OUTDOOR EDUCATION, BEHAVIOR OF MEALWORMS.

PERSONAL AUTHOR: KNAACK, JANEY

DESCRIPTOR: BIOLOGY; *ELEMENTARY SCHOOL SCIENCE; ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; *RESOURCE MATERIALS; *SCIENCE ACTIVITIES; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III; MEALWORMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 56P.

THIS MANUAL IS INTENDED FOR USE BY SECOND GRADE TEACHERS AS A GUIDE FOR 35 ACTIVITIES FOR THE STUDY OF THE BEHAVIOR OF MEALWORMS. THE ACTIVITIES ARE INTENDED TO HELP INSTILL IN PUPILS A JOY AND EXCITEMENT FOR INQUIRY AND EXPERIMENTATION, PLUS AN APPRECIATION AND UNDERSTANDING OF BASIC SCIENTIFIC METHODS. INTRODUCTORY SUBJECT MATERIAL INCLUDES A DESCRIPTION OF THE MAJOR PROCESSES OF SCIENCE, MAJOR UNITS OF STUDY, AND AN OUTLINE OF THE BEHAVIOR AND CHARACTERISTICS OF THE MEALWORM. REFERENCE LISTS INCLUDE BOOKS FOR TEACHER AND PUPIL USE, AUDIO-VISUAL AIDS, AND A LIST OF USEFUL EQUIPMENT AND SUPPLIES. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. NOT AVAILABLE IN HARDCOPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (PR)

AVAILABILITY: OUTDOOR EDUCATION, SHORELINE SCHOOL DISTRICT NO. 412, NORTHEAST 158TH AND 20TH AVE., N.E., SEATTLE, WASHINGTON 98155 ($0.50)

ACCESSION NUMBER: ED045404

PUBLICATION DATE: 68

TITLE: INTERDISCIPLINARY OUTDOOR EDUCATION, HIKING.

PERSONAL AUTHOR: WITHAM, M. RAY

DESCRIPTOR: ENVIRONMENT; ENVIRONMENTAL EDUCATION; INTEGRATED ACTIVITIES; *INTERDISCIPLINARY APPROACH; NATURE CENTERS; *OUTDOOR EDUCATION; *RESOURCE MATERIALS

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 60P.

THIS MANUAL PRESENTS INFORMATION AND IDEAS FOR THE TEACHER OR ADVISOR INTERESTED IN FORMING A HIKING CLUB. SUGGESTIONS ARE MADE FOR CLUB ORGANIZATION, ACTIVITIES, ADVISOR RESPONSIBILITIES, HIKING EQUIPMENT AND SKILLS, SAFETY, FIRST AID, AND MAP AND COMPASS USE. A LIST OF GUIDE BOOKS FOR THE WASHINGTON AREA AND A LIST OF GENERAL INSTRUCTIONAL BOOKS ARE INCLUDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. NOT AVAILABLE IN HARDCOPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (PR)

AVAILABILITY: OUTDOOR EDUCATION, SHORELINE SCHOOL DISTRICT NO. 412, NORTHEAST 158TH AND 20TH AVE., N.E., SEATTLE, WASHINGTON 98155 ($0.50)

ACCESSION NUMBER: ED045406

PUBLICATION DATE: 69

TITLE: INVITING INVOLVEMENT WITH HISTORY; FOUNDING A NEW SETTLEMENT: SURVIVAL SKILLS.

PERSONAL AUTHOR: HIROS, JOHN E.; MASON, FRED J.

DESCRIPTOR: AMERICAN HISTORY; ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENT; *ENVIRONMENTAL EDUCATION; INTERDISCIPLINARY APPROACH; *OUTDOOR EDUCATION; SECONDARY SCHOOL SCIENCE; *SOCIAL STUDIES; *TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 38P.

DESCRIBED ARE INDOOR AND OUTDOOR LESSONS FOR INTERMEDIATE AND JUNIOR HIGH STUDENTS. THESE LESSONS ARE INTENDED TO HELP STUDENTS UNDERSTAND HOW THE PHYSICAL AND CULTURAL NEEDS OF MAN ARE DIRECTLY RELATED TO THE ENVIRONMENT. LEARNING THROUGH INVOLVEMENT IN DIRECT PERSONAL EXPERIENCE IS EMPHASIZED WITH STUDENTS ENCOURAGED TO ROLE PLAY AS EARLY SETTLERS, AND TO DECIDE WHAT WERE THE ESSENTIALS FOR LIFE IN A NEW SETTLEMENT. "INVITING INVOLVEMENT WITH HISTORY" HAS STUDENTS EXAMINE HISTORIC SITES AND BUILDINGS (70 OR MORE YEARS OLD) AND COMPARE THESE WITH MODERN BUILDINGS FOR SIMILARITIES AND DIFFERENCES, AND UNDERTAKE OTHER RELATED ACTIVITIES. IN "FOUNDING A NEW SETTLEMENT: SURVIVAL SKILLS", STUDENTS ARE INVOLVED IN IDENTIFYING A FEW SPECIES OF EDIBLE FLORA AND FAUNA, PREPARING FOODS FROM WILD PLANTS, FASHIONING TOOLS AND UTENSILS, BUILDING SHELTERS, AND OTHER ACTIVITIES. (PR)

AVAILABILITY: CONSERVATION AND ENVIRONMENTAL STUDIES CENTER FOR SOUTHERN NEW JERSEY, BOX 2230, RD 2, BROWNS MILLS, N.J. 08015 ($1.00 EACH)

ACCESSION NUMBER: ED045441

PUBLICATION DATE: 70

TITLE: OUTDOOR EDUCATION.

PERSONAL AUTHOR: AIKMAN, JOHN H.; BROWN, M. DAVID

DESCRIPTOR: *CURRICULUM; *INSTRUCTION; INTERDISCIPLINARY APPROACH; LEARNING ACTIVITIES; *NATURAL RESOURCES; *OUTDOOR EDUCATION; PROGRAM PLANNING; RESOURCE MATERIALS; SCIENCE EDUCATION; *TEACHING GUIDES

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 133P.

DEVELOPED FOR SIXTH-, NINTH-, AND TENTH-GRADE TEACHERS INVOLVED IN OUTDOOR EDUCATION, THIS GUIDEBOOK PRESENTS A COMPREHENSIVE APPROACH TO PROGRAM PLANNING AND CURRICULUM DEVELOPMENT IN THE OUT-OF-DOORS. INCLUDED ARE PRELIMINARY PLANNING CHECKLISTS, DUTIES, INFORMATION AND CONSENT FORMS, AND TOPIC SUMMARIES. TWO-THIRDS OF THE BOOK IS DEVOTED TO INDIVIDUAL EARTH SCIENCE STUDY TOPICS. EACH UNIT OF STUDY PROVIDES INSTRUCTION SHEETS GIVING ITS PURPOSE, EQUIPMENT REQUIRED, PROCEDURES TO FOLLOW, AND DATA RECORDING SHEETS. CONCLUDING SECTIONS COVER RELATIONSHIPS OF RESOURCES, FOLLOW-UP ACTIVITIES IN DIFFERENT SUBJECT AREAS, A LARGE BOOKLIST, AND AUDIO-VISUAL RESOURCES AVAILABLE. A GUIDEBOOK OF SIMILAR DESIGN, DEALING SPECIFICALLY WITH JUNIOR BIOLOGY FIELD STUDIES IS ALSO AVAILABLE. NOT AVAILABLE IN HARDCOPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (BL)

ACCESSION NUMBER: ED045456

PUBLICATION DATE: 70

TITLE: OUTDOOR EDUCATION, JUNIOR BIOLOGY FIELD STUDIES.

PERSONAL AUTHOR: AIKMAN, JOHN H.: AND OTHERS

DESCRIPTOR: BIOLOGY; EARTH SCIENCE; FIELD STUDIES; *INSTRUCTIONAL MATERIALS; *NATURAL RESOURCES; *OUTDOOR EDUCATION: RESOURCE MATERIALS: *SECONDARY SCHOOL SCIENCE; *TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 134P.

FIELD STUDIES FOR GRADE NINE AND TEN BIOLOGY STUDENTS ARE DEVELOPED IN THIS TEACHER AND STUDENT GUIDE FOR OUTDOOR EDUCATION. A SMALL SECTION IS DEVOTED TO TEACHER PRE-PLANNING AND FINAL SECTIONS ARE CONCERNED WITH EQUIPMENT, AUDIO-VISUAL RESOURCES, AND A LARGE BOOKLIST. TWENTY-THREE INVESTIGATIONS RELATED TO EARTH SCIENCE AND BIOLOGY TOPICS ARE ENUMERATED INCLUDING STUDIES OF FIELD TO FOREST TRANSITIONS, LAWNS, TREES, RAVINES, PONDS AND STREAMS, MARSHLANDS AND GRASSLANDS, PLANTS AND ANIMALS. EACH UNIT OF STUDY PROVIDES INSTRUCTION SHEETS GIVING ITS PURPOSE, EQUIPMENT REQUIRED, PROCEDURES TO FOLLOW, DESCRIPTIVE CHARTS, AND DATA RECORDING SHEETS. A GUIDEBOOK OF SIMILAR DESIGN DEALING WITH CORRESPONDING TOPICS FOR USE IN GRADE 6, 9, AND 10 GENERAL OUTDOOR EDUCATION PROGRAMS IS ALSO AVAILABLE. NOT AVAILABLE DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (BL)

AVAILABILITY: ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE AND MATHEMATICS EDUCATION, 1460 WEST LANE AVE., COLUMBUS, OHIO 43221 (LOAN)

ACCESSION NUMBER: ED046132

PUBLICATION DATE: OCT 70

TITLE: ENVIRONMENTAL EDUCATION IN THE PUBLIC SCHOOLS. A PILOT STUDY. SPECIAL REPORT.

DESCRIPTOR: *CONSERVATION EDUCATION; CURRICULUM; ECOLOGY; *ENVIRONMENTAL EDUCATION; FACILITY UTILIZATION RESEARCH; INSERVICE EDUCATION; *NATIONAL SURVEYS; *OUTDOOR EDUCATION; PARKS; PERSONNEL; PROGRAM CONTENT; *PUBLIC SCHOOLS

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 69P.

PROJECT MAN'S ENVIRONMENT WAS ORGANIZED IN 1969 TO ESTABLISH A BASIS FOR THE DEVELOPMENT OF ENVIRONMENTAL EDUCATION IN THE SCHOOL CURRICULA. PILOT SURVEYS WERE CONDUCTED BY THE NEA RESEARCH DIVISION AND A NATIONWIDE SURVEY WAS CONDUCTED OF PUBLIC SCHOOL PROGRAMS IN ENVIRONMENTAL, CONSERVATION, AND OUTDOOR EDUCATION FOR SYSTEMS ENROLLING 1,000 OR MORE STUDENTS. THIS REPORT PRESENTS SURVEY RESULTS IN SIX MAJOR SECTIONS. AN INITIAL SURVEY OVERVIEW SECTION IS FOLLOWED BY FIVE SECTIONS PROVIDING THE FOLLOWING DETAILED FINDINGS: (1) THE EMPHASES AND PURPOSES OF PROGRAMS AND THE BASIC STATISTICS RELATED TO THEIR SCOPE; (2) EACH PROGRAM'S CURRICULUM AND ACTIVITIES; (3) THE NUMBER, SIZE, ACCESSIBILITY, AND FEATURES OF SITES AS WELL AS THE ADMINISTRATIVE PROCEDURES FOR REQUISITIONING SITES FOR SCHOOL USE; (4) A DESCRIPTION OF PROGRAM PERSONNEL, AND (5) THE FINANCING OF ENVIRONMENTAL EDUCATION PROGRAMS. A POSTSCRIPT REPORTS BRIEFLY ON NEEDS FOR THE FUTURE DEVELOPMENT OF ENVIRONMENTAL EDUCATION. (AUTHOR)

AVAILABILITY: NEA PUBLICATIONS SALES SECTION, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (STOCK NO. 435-25450, $1.50)

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ACCESSION NUMBER: ED046566

PUBLICATION DATE: JAN 70

TITLE: AN IDEA (LIKE A SEEDLING) GROWS. GENESIS AND DEVELOPMENT OF OUTDOOR/CONSERVATION EDUCATION IN BLOOMFIELD HILLS, MICHIGAN.

PERSONAL AUTHOR: HOLLUMS, DON

DESCRIPTOR: CAMPING; CONSERVATION EDUCATION; *EDUCATIONAL PROGRAMS; FACILITY IMPROVEMENT; INSTRUCTIONAL IMPROVEMENT; NATURAL RESOURCES; *OBJECTIVES; *OUTDOOR EDUCATION; *PARKS; RECREATION; *SCHOOL DISTRICTS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 7P.

THE DOCUMENT DESCRIBES HOW OUTDOOR EDUCATION IN THE BLOOMFIELD HILLS SCHOOL DISTRICT OF MICHIGAN CAN BE TRACED TO 1957, WHEN ELEMENTARY SCHOOL STUDENTS PARTICIPATED IN A RESIDENT OUTDOOR SCHOOL EXPERIENCE FOR A WEEK. IN 1968, A COMMITTEE ON OUTDOOR EDUCATION WAS FORMALLY ORGANIZED. THE COMMITTEE DEVELOPED A RATIONALE AND OBJECTIVES FOR OUTDOOR EDUCATION FOR THE BLOOMFIELD HILLS SCHOOLS. THE BROAD OBJECTIVE TOPICS WHICH PROVIDE THE RATIONALE ARE: (1) AN APPRECIATION OF NATURAL RESOURCES; (2) IMPROVED INSTRUCTION IN SCIENCE, LANGUAGE, ARTS, SOCIAL STUDIES; (3) DEVELOPMENT OF RECREATIONAL SKILLS IN THE OUTDOORS; (4) SOCIAL EXPERIENCE; (5) COMMUNITY SERVICE; AND (6) AESTHETIC AWARENESS. IN THE DOCUMENT, IT IS NOTED THAT THE OUTDOOR/CONSERVATION EDUCATION PROGRAM AND FACILITIES ARE ESSENTIAL TO THIS COMMUNITY, SINCE THE CITY HAS NO PUBLIC PARKS OR RECREATION AREAS, AND THE SCHOOL SITES MUST SERVE AS NEIGHBORHOOD PARKS. FUTURE PLANS RELATE TO YOUTH INVOLVEMENT IN THE DEVELOPMENT OF FACILITIES, THE DEVELOPMENT OF A SCHOOL GARDEN-FARM PROGRAM, AND INFORMING PATRONS OF THE SCHOOL DISTRICT AS TO PROGRAM PROGRESS. (AN)

ACCESSION NUMBER: ED046573

PUBLICATION DATE: OCT 70

TITLE: PROCEEDINGS OF THE 4TH NATIONAL CONFERENCE ON OUTDOOR EDUCATION (KELLOGG GULL LAKE BIOLOGICAL STATION, MICHIGAN, OCTOBER 22-24, 1970).

PERSONAL AUTHOR: MAWDSLEY, JACK K.; AND OTHERS

DESCRIPTOR: *CONFERENCE REPORTS; *CURRICULUM ENRICHMENT; *EDUCATIONAL PROBLEMS; *ENVIRONMENTAL EDUCATION; GOAL ORIENTATION; INNER CITY; *OUTDOOR EDUCATION; PROFESSIONAL TRAINING; RESEARCH METHODOLOGY; SITE DEVELOPMENT; WORK EXPERIENCE PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 30P.

PARTICIPANTS FROM 23 STATES AND 4 CANADIAN PROVINCES ATTENDED THE FOURTH NATIONAL CONFERENCE ON OUTDOOR EDUCATION SPONSORED BY THE OUTDOOR EDUCATION PROJECT AND THE COUNCIL ON OUTDOOR EDUCATION AND CAMPING OF THE AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION. THE CONFERENCE WAS PRIMARILY A WORKING CONFERENCE DESIGNED TO DEAL WITH EDUCATIONAL ISSUES, PROBLEMS, AND CHALLENGES PERTINENT TO OUTDOOR EDUCATION IN THE 1970'S. STUDY COMMITTEE AND TASK FORCE REPORTS WILL NOT BE COMPLETED UNTIL THE END OF THE COUNCIL'S CURRENT YEAR OF OPERATION. SUMMARIES OF STUDY GROUP DELIBERATIONS ARE INCLUDED IN THIS REPORT IN THE AREAS OF OUTDOOR EDUCATION FOR INNER-CITY SCHOOLS, PROFESSIONAL PREPARATION, SCHOOL SITE DEVELOPMENT, WORK-LEARN EXPERIENCES FOR OLDER YOUTH, OUTDOOR EDUCATION FOR ENVIRONMENTAL QUALITY, GOALS FOR OUTDOOR EDUCATION, AND RESEARCH AND EVALUATION. A LIST OF PARTICIPANTS IS APPENDED. (JH)

ACCESSION NUMBER: ED046693

PUBLICATION DATE: SEP 68

TITLE: IDAHO, AN OUTDOOR CLASSROOM.

PERSONAL AUTHOR: PARSONS, DONNA L.

DESCRIPTOR: CONSERVATION EDUCATION; ECOLOGY; ENVIRONMENT; *ENVIRONMENTAL EDUCATION; *FIELD TRIPS; NATURAL RESOURCES; *OUTDOOR EDUCATION; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 224P.

THIS FIELD GUIDE FOR PUBLIC SCHOOL TEACHERS PINPOINTS SPECIAL AREAS IN IDAHO WHERE STUDENTS CAN STUDY AND LEARN BY DIRECT EXPERIENCE IN THE OUTDOORS. THE GUIDE DIVIDES THE STATE INTO NORTHERN, SOUTHWESTERN, AND SOUTHEASTERN DISTRICTS. ENVIRONMENTAL STUDY TRIP GUIDES COMPLETE WITH ROADLOGS, PICTURES, AND MAPS OF EACH AREA DEVELOP THE THREE MAJOR DISTRICTS. THE GUIDE CONCLUDES WITH A LISTING OF INDUSTRIES, AND GUIDED TOURS OF THEIR FACILITIES. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. NOT AVAILABLE IN HARDCOPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (BB)

AVAILABILITY: DONNA L. PARSONS, CALDWELL SCHOOL DISTRICT 132, IDAHO

ACCESSION NUMBER: ED046709

PUBLICATION DATE: 70

TITLE: OBSERVING OUR ENVIRONMENT THROUGH OUR SENSES, UNIT 1.

DESCRIPTOR: *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *HANDICAPPED CHILDREN; *OUTDOOR EDUCATION; RESOURCE MATERIALS; SCIENCE ACTIVITIES; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 99P.

THIS COLLECTION OF ACTIVITY GUIDES WAS PRODUCED FOR THE HANDICAPPED CHILDREN'S NATURE STUDY CENTER IN DAVENPORT, IOWA, HOWEVER THE GUIDES ARE DESIGNED TO BE USED IN ANY OUTDOOR AREA BY ELEMENTARY TEACHERS OF EITHER HANDICAPPED OR "NORMAL" CHILDREN. THE EMPHASIS IS ON MAKING THE STUDENTS MORE SENSITIVE TO THEIR ENVIRONMENT BY THE USE OF ALL SENSES. PURPOSE, OBJECTIVES, CONCEPTS, AND ACTIVITIES ARE DESCRIBED SEPARATELY FOR EACH OF THE FIVE SENSES. ALSO INDICATED ARE TEACHER'S GUIDES FOR FOUR ACTIVITIES AT THE NATURE STUDY CENTER IN DAVENPORT. THE ACTIVITIES ARE TITLED, DIKE HIKE, FALL WALK, TREE PLANTING, AND TRACKING. EACH GUIDE INCLUDES A LIST OF RESOURCE MATERIALS AND SUGGESTIONS FOR FURTHER ACTIVITIES. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (PR)

AVAILABILITY: MUSCATINE-SCOTT COUNTY SCHOOL SYSTEM, 1523 S. FAIRMOUNT AVE., DAVENPORT, IOWA 52802 (LIMITED NUMBER COPIES, FREE)

ACCESSION NUMBER: ED046710

PUBLICATION DATE: 69

TITLE: LAND USE - CONCERN-CHALLENGE-COMMITMENT.

PERSONAL AUTHOR: JACKSON, JOHN Y.

DESCRIPTOR: CITY PLANNING; COMMUNITY PLANNING; *CONSERVATION EDUCATION; *ENVIRONMENTAL EDUCATION; *LAND USE; NATURAL RESOURCES; OUTDOOR EDUCATION

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 18P.

THIS BOOKLET DESIGNED FOR JUNIOR AND SENIOR HIGH SCHOOL TEACHERS IDENTIFIES A DEVELOPMENTAL SEQUENCE OF INDOOR AND OUTDOOR EXPERIENCES RELATED TO LAND USE IN AN URBAN SETTING. LISTS OF COGNITIVE AND AFFECTIVE OBJECTIVES ARE FOLLOWED BY NINE LESSON STRATEGIES DEVELOPING THE LAND USE CONCEPT. INCLUDED IS A LIST OF ACTIVITIES USED IN AN INTERDISCIPLINARY APPROACH FOR DEVELOPING A LAND USE CONCEPT. (BB)

AVAILABILITY: CONSERVATION AND ENVIRONMENTAL STUDIES CENTER FOR SOUTHERN NEW JERSEY, BOX 2230, RD 2, BROWNS MILLS, N.J. 08015 ($1.00)

ACCESSION NUMBER: ED046751

PUBLICATION DATE: 70

TITLE: ECOLOGY.

DESCRIPTOR: CONSERVATION EDUCATION; *ECOLOGY; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; RESOURCE MATERIALS; SCIENCE MATERIALS

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 45P.

THIS SET OF TEACHING AIDS CONSISTS OF NINE AUDUBON NATURE BULLETINS, PROVIDING TEACHERS AND STUDENTS WITH INFORMATIONAL READING ON VARIOUS ECOLOGICAL TOPICS. THE BULLETINS HAVE THESE TITLES: SCHOOLYARD LABORATORIES, OWLS AND PREDATORS, THE FOREST COMMUNITY, LIFE IN FRESHWATER MARSHES, CAMOUFLAGE IN THE ANIMAL WORLD, LIFE IN THE DESERT, THE DRAMATIC WORLD OF THE SEASHORE, PLANTS AS MAKERS OF SOIL, TOGETHERNESS IN THE WORLD OF NATURE--SYMBIOSIS. THE BULLETINS INCORPORATE MANY PHOTOGRAPHS AND INCLUDE LISTS OF RECOMMENDED BOOKS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (NB7, $2.35)

ACCESSION NUMBER: ED046752

PUBLICATION DATE: 70

TITLE: INSECTS AND SPIDERS.

DESCRIPTOR: ELEMENTARY SCHOOL SCIENCE; *ENTOMOLOGY; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; *RESOURCE MATERIALS; SCIENCE MATERIALS

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 37P.

THIS SET OF TEACHING AIDS CONSISTS OF NINE AUDUBON NATURE BULLETINS, PROVIDING TEACHERS AND STUDENTS WITH INFORMATIONAL READING ON INSECTS AND SPIDERS. THE BULLETINS HAVE THESE TITLES: WHAT GOOD ARE INSECTS, HOW INSECTS BENEFIT MAN, LIFE OF THE HONEY BEE, ANTS AND THEIR FASCINATING WAYS, MOSQUITOES AND OTHER FLIES, CATERPILLARS, SPIDERS AND SILK, THE INSECT ORCHESTRA, AND LIVE INSECTS IN THE CLASSROOM. THE FOUR-PAGE BULLETINS INCORPORATE MANY PHOTOGRAPHS AND INCLUDE LISTS OF RECOMMENDED BOOKS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (NB4, $2.35)

ACCESSION NUMBER: ED046753

PUBLICATION DATE: 70

TITLE: AUDUBON ECOLOGY STUDY PROGRAM.

DESCRIPTOR: CONSERVATION EDUCATION; *ECOLOGY; ELEMENTARY SCHOOL SCIENCE; ENVIRONMENT; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 47P.

THE MATERIALS IN THE SET INCLUDE A STUDENT READER "THE STORY OF ECOLOGY," A LEADERS' GUIDE, AND A LARGE, PICTORIAL WALL CHART. THE STUDENT READER IS DIVIDED INTO 10 UNITS RELATING TO A DEFINITION OF ECOLOGY, THE SUN AND LIFE, AIR AND THE WATER CYCLE, MAJOR DIVISIONS OF THE EARTH, PLANTS AND FOOD CHAINS, DISTRIBUTION OF PLANTS AND ANIMALS, COMMUNITIES, HABITATS, BALANCE IN NATURE, AND MAN'S PLACE. THE LEADERS' GUIDE PROVIDES SUPPLEMENTAL INFORMATION AND MAKES SUGGESTIONS FOR ACTIVITIES FOR EACH OF THE UNITS IN THE READER, AND PROVIDES A LIST OF MATERIALS, A BIBLIOGRAPHY, AND A GLOSSARY. THE ECOLOGY WALL CHART SHOWS 12 COLORED SCENES DEPICTING VARIOUS CYCLES AND BIOMES, WITH EXPLANATORY READINGS UNDER EACH PICTURE. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (AP1, $2.25)

ACCESSION NUMBER: ED046754

PUBLICATION DATE: 70

TITLE: AUDUBON BIRD STUDY PROGRAM.

DESCRIPTOR: CONSERVATION EDUCATION; *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 57P.

INCLUDED ARE A STUDENT READER, "THE STORY OF BIRDS," A LEADERS' GUIDE, A LARGE COLORED AUDUBON BIRD CHART, AND A SEPARATE GUIDE FOR THE CHART. THE STUDENT READER IS DIVIDED INTO ELEVEN SECTIONS WHICH RELATE TO THE VARIOUS PHYSICAL AND BEHAVIORAL FEATURES OF BIRDS SUCH AS FEATHERS, FEEDING HABITS AS RELATED TO THE SHAPE OF BILLS AND FEET, NESTS, MIGRATION, BIRD LANGUAGE, PREHISTORIC BIRDS, BIRD CONSERVATION, AND INFORMATION AND SUGGESTIONS FOR OBSERVING BIRDS. THE LEADERS' GUIDE CONTAINS MANY SUGGESTIONS FOR ACTIVITIES, DISPLAYS, GAMES, AND QUIZZES. THE MATERIALS MAY BE USED EITHER BY A NATURE CLUB OR AN ELEMENTARY SCHOOL CLASS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (AP2, $2.25)

ACCESSION NUMBER: ED046755

PUBLICATION DATE: 70

TITLE: AUDUBON TREE STUDY PROGRAM.

DESCRIPTOR: CONSERVATION EDUCATION; *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 43P.

INCLUDED ARE AN ILLUSTRATED STUDENT READER, "THE STORY OF TREES," A LEADERS' GUIDE, AND A LARGE TREE CHART WITH 37 COLORED PICTURES. THE STUDENT READER REVIEWS SEVERAL ASPECTS OF TREES: A DEFINITION OF A TREE; WHERE AND HOW TREES GROW; FLOWERS, POLLINATION AND SEED PRODUCTION; HOW TREES MAKE THEIR FOOD; HOW TO RECOGNIZE TREES; SEASONAL CHANGES; ANIMALS AND INSECTS IN AND NEAR TREES; AND TREE CONSERVATION. THE LEADERS' GUIDE CONTAINS SUGGESTIONS FOR ORGANIZING A CLUB, ACTIVITIES, PROJECTS, GAMES, AND QUIZZES. A LIST OF STATE TREES AND A BIBLIOGRAPHY ARE INCLUDED IN THE GUIDE. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (AP3, $2.25)

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ACCESSION NUMBER: ED046756

PUBLICATION DATE: 70

TITLE: AUDUBON PLANT STUDY PROGRAM.

DESCRIPTOR: CONSERVATION EDUCATION; *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; PLANT SCIENCE; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 39P.

INCLUDED ARE AN ILLUSTRATED STUDENT READER, "THE STORY OF PLANTS AND FLOWERS," AN ADULT LEADERS' GUIDE, AND A LARGE WALL CHART PICTURING 37 WILDFLOWERS AND DESCRIBING 23 MAJOR PLANT FAMILIES. THE STUDENT READER PRESENTS THESE MAIN TOPICS: THE PLANT KINGDOM, THE WONDERFUL WORLD OF PLANTS, PLANTS WITHOUT FLOWERS, FLOWERING PLANTS, PLANTS MAKE FOOD FOR ALL LIVING THINGS, PLANTS COVER THE EARTH, WILDFLOWERS THROUGH THE SEASONS, GRASSES ARE IMPORTANT FLOWERING PLANTS, SOME STRANGE PLANTS, HOW PEOPLE HELP PLANTS, AND CONSERVING OUR PLANTS AND FLOWERS. THE LEADERS' GUIDE MAKES SUGGESTIONS FOR ORGANIZING A CLUB, PROJECTS, QUIZZES, TERRARIUMS, GARDENS, GAMES, AND BULLETIN BOARDS. A LIST OF STATE FLOWERS, TREES AND BIRDS, AND A BIBLIOGRAPHY ARE INCLUDED IN THE GUIDE. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (AP4, $2.25)

ACCESSION NUMBER: ED046757

PUBLICATION DATE: 70

TITLE: AUDUBON MAMMAL STUDY PROGRAM.

DESCRIPTOR: *ANIMAL SCIENCE; CONSERVATION EDUCATION; *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 63P.

INCLUDED ARE AN ILLUSTRATED STUDENT READER, "THE STORY OF MAMMALS," A LEADERS' GUIDE, A LARGE WALL CHART PICTURING 39 NORTH AMERICAN MAMMALS, AND A SEPARATE BOOKLET DESCRIBING THE MAMMALS ON THE WALL CHART. THE STUDENT READER PRESENTS THESE MAIN TOPICS: WHAT IS A MAMMAL?; HOW MAMMALS DIFFER FROM EACH OTHER; WHERE, WHEN, AND HOW TO FIND MAMMALS; WHAT MAMMALS EAT; HOW MAMMALS PROTECT THEMSELVES; MAMMAL HOMES; HOW MAMMALS SPEND THE WINTER; MAMMAL BABIES; THE FIRST MAMMALS; AND HOW TO CONSERVE MAMMALS. THE LEADERS' GUIDE MAKES SUGGESTIONS FOR ORGANIZING A CLUB, PROJECTS, QUIZZES, ACTIVITIES, AND GAMES. A BIBLIOGRAPHY IS INCLUDED. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (AP5, $2.25)

ACCESSION NUMBER: ED046760

PUBLICATION DATE: 70

TITLE: ENVIRONMENTAL EDUCATION

DESCRIPTOR: CONSERVATION EDUCATION; *CURRICULUM GUIDES; ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; *LEARNING ACTIVITIES; *NATURAL RESOURCES; OUTDOOR EDUCATION; *TEACHING GUIDES; *TEACHING TECHNIQUES

IDENTIFIER: OREGON

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 87P.

AS A SOURCE BOOK OF IDEAS, THIS GUIDE HAS BEEN WRITTEN FOR TEACHERS TO HELP THEM, AND, IN TURN, THEIR STUDENTS TO OBSERVE, INVESTIGATE, AND INTERPRET PARTS OF THE ENVIRONMENT. USING SOIL AND WATER AS THE PRIMARY SUBJECT AREAS, A SEQUENTIAL SCHEME OF ENVIRONMENTAL ACTIVITIES IS DEVELOPED FOR THE PRIMARY, INTERMEDIATE, AND JUNIOR HIGH GRADE LEVELS. EACH ACTIVITY IS OUTLINED AS TO RATIONALE, EQUIPMENT REQUIRED, DATA COLLECTING AND INTERPRETING, EXTENSION OF THE ACTIVITY IN THE CLASSROOM, PERFORMANCE TASKS TO COMPLETE, INTERDISCIPLINARY CURRICULUM RELATIONSHIPS, AND ECOLOGICAL RELATIONSHIPS. ENLARGING ON THIS, NUMEROUS OTHER ACTIVITIES ARE SUGGESTED WHICH MAY BE INCORPORATED INTO ANY GRADE LEVEL. THESE ARE SEGREGATED INTO THREE AREAS: (1) THOSE WHICH HELP STUDENTS BECOME AWARE OF THEIR ENVIRONMENT; (2) AWARE THAT MAN MAKES CHANGES IN THE ENVIRONMENT, SOME OF WHICH LEAD TO PROBLEMS OF ENVIRONMENTAL MANAGEMENT; AND (3) THOSE WHICH MOTIVATE STUDENTS TO PARTICIPATE IN ENVIRONMENTAL PROBLEM SOLVING. EXAMPLES OF LOCAL OUTDOOR LEARNING ENVIRONMENTS, INCLUDING THE SCHOOLYARD, ARE ALSO ENUMERATED. AN ENLARGED APPENDIX CONTAINS A LIST OF BASIC EQUIPMENT AND BOOKS A SCHOOL SHOULD HAVE, RESOURCE AGENCIES, EXAMPLES AND GUIDELINES FOR COLLECTING, RECORDING AND INTERPRETING DATA, AND ENVIRONMENTAL EDUCATION ACTIVITY SHEETS. NOT AVAILABLE DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT. (BL)

AVAILABILITY: ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE AND MATHEMATICS EDUCATION, 1460 WEST LANE AVE., COLUMBUS, OHIO 43221 (LOAN)

ACCESSION NUMBER: ED046761

PUBLICATION DATE: 70

TITLE: GOOD TEACHING AIDS.

DESCRIPTOR: CONSERVATION EDUCATION; *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; NATURAL RESOURCES; *OUTDOOR EDUCATION; *RESOURCE MATERIALS; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 67P.

THIS SET OF TEACHING AIDS CONSISTS OF 14 AUDUBON NATURE BULLETINS WITH THESE TITLES: SCHOOLYARD LABORATORIES, HOW TO LEAD A FIELD TRIP, NATURAL RESOURCES IN THE CITY, MYSTERIES OF BIRD MIGRATION, ROCK STORIES AND HOW TO READ THEM, THE GROUND WATER TABLE, THE TERRARIUM, SOME ADVENTURES WITH WILD PLANTS OUTDOORS AND INDOORS, PLANT PROPAGATION IN THE CLASSROOM, THINGS TO DO IN NATURE, HOW TO BUILD A NATURE TRAIL, TREES ARE HISTORY BOOKS, FORECASTING THE WEATHER, NATURE QUIZ-ELECTRIC NATURE GAMES. THE BULLETINS PROVIDE THE TEACHER WITH BACKGROUND READING, AND SUGGESTIONS FOR CLASSROOM ACTIVITIES. PHOTOGRAPHS, DIAGRAMS, AND A LIST OF RECOMMENDED BOOKS ARE INCLUDED IN THE BULLETINS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (NB2, $3.60)

ACCESSION NUMBER: ED046762

PUBLICATION DATE: 70

TITLE: ANIMALS AND HOW THEY LIVE.

DESCRIPTOR: *ANIMAL SCIENCE; CONSERVATION EDUCATION; ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; *RESOURCE MATERIALS; WILDLIFE MANAGEMENT

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 63P.

THIS SET OF TEACHING AIDS CONSISTS OF 14 AUDUBON NATURE BULLETINS, PROVIDING TEACHERS AND STUDENTS WITH INFORMATIONAL READING ON ANIMALS. THE BULLETIN TITLES ARE AS FOLLOWS: BIRDS: THEIR ADAPTATIONS TO WAYS OF LIFE; OUR FRIENDS THE HAWKS; MYSTERIES OF BIRD MIGRATION; BIRD NESTS; CAMOUFLAGE IN THE ANIMAL WORLD; SNAKES; TURTLES; FROGS AND TOADS; SALAMANDERS; THE WAYS OF WILDLIFE IN WINTER; TRACK STORIES IN MUD, SAND, AND SNOW; WILDLIFE PRESERVES; THE CREATURE IN THE SHELL; AND THE PLANKTON PLANTS AND ANIMALS. THE FOUR-PAGE BULLETINS INCORPORATE MANY PHOTOGRAPHS, AND INCLUDE LISTS OF RECOMMENDED BOOKS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (NB3, $3.35)

ACCESSION NUMBER: ED046763

PUBLICATION DATE: 70

TITLE: PLANT IDENTIFICATION.

DESCRIPTOR: CONSERVATION EDUCATION; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; *PLANT IDENTIFICATION; *PLANT SCIENCE; *RESOURCE MATERIALS; SCIENCE MATERIALS

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 58P.

THIS SET OF TEACHING AIDS CONSISTS OF 12 AUDUBON NATURE BULLETINS, PROVIDING TEACHERS AND STUDENTS WITH INFORMATIONAL READING ON PLANTS. THE BULLETINS INCLUDE THESE TITLES: THE PARADE OF SPRING WILD FLOWERS, WILD FLOWERS OF OUR PRAIRIES, SEEDS AND HOW THEY TRAVEL, POISON IVY AND OTHER POISONOUS PLANTS, THE FOREST COMMUNITY, COMMON TREES AND THEIR TWIGS, COMMON TREES AND THEIR LEAVES, COMMON TREES ALONG THE STREETS, FERNS, SOME COMMON MOSSES, AN ILLUSTRATED KEY TO COMMON LICHENS, AND THE CURIOUS WORLD OF PLANT GALLS. THE BULLETINS INCORPORATE MANY PHOTOGRAPHS AND INCLUDE LISTS OF RECOMMENDED BOOKS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (NB5, $3.10)

ACCESSION NUMBER: ED046765

PUBLICATION DATE: 70

TITLE: CONSERVATION.

DESCRIPTOR: *CONSERVATION EDUCATION; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; *NATURAL RESOURCES; *OUTDOOR EDUCATION; POLLUTION; *RESOURCE MATERIALS

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 33P.

THIS SET OF TEACHING AIDS CONSISTS OF SEVEN AUDUBON NATURE BULLETINS, PROVIDING THE TEACHER AND STUDENT WITH INFORMATIONAL READING ON VARIOUS TOPICS IN CONSERVATION. THE BULLETINS HAVE THESE TITLES: PLANTS AS MAKERS OF SOIL, WATER POLLUTION CONTROL, THE GROUND WATER TABLE, CONSERVATION--TO KEEP THIS EARTH HABITABLE, OUR THREATENED AIR SUPPLY, CONSERVATION DISPLAYS, AND WILDLIFE PRESERVES. THE BULLETINS INCORPORATE MANY PHOTOGRAPHS AND INCLUDE LISTS OF RECOMMENDED BOOKS. (PR)

AVAILABILITY: NATIONAL AUDUBON SOCIETY, EDUCATIONAL SERVICES, 1130 FIFTH AVE., NEW YORK, N.Y. 10028 (NB6, $1.85)

ACCESSION NUMBER: ED046782

PUBLICATION DATE: 70

TITLE: STREAM STUDIES.

DESCRIPTOR: ECOLOGY; *ELEMENTARY SCHOOL SCIENCE; GRADE 6; *INSTRUCTIONAL MATERIALS; LEARNING ACTIVITIES; NATURAL RESOURCES; *OUTDOOR EDUCATION; *TEACHING GUIDES; *WATER RESOURCES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 35P.

THIS MANUAL PROVIDES TEACHERS WITH SOME KNOWLEDGE OF ECOLOGICAL STUDY METHODS AND TECHNIQUES USED IN COLLECTING DATA WHEN PLANTS AND ANIMALS ARE STUDIED IN THE FIELD. MOST ACTIVITIES DEAL WITH THE INTERRELATEDNESS OF PLANT AND ANIMAL LIFE TO THE STRUCTURE AND CHARACTERISTICS OF A STREAM AND POND. ALSO INCLUDED IN THIS UNIT PLAN DESIGNED FOR THE SIXTH GRADE LEVEL ARE SUGGESTIONS FOR CLASSROOM AND FIELD ORGANIZATION, EQUIPMENT REQUIRED, AND METHODS OF APPROACHING THE MAJOR TOPICS - MAPPING, ANIMAL LIFE, PLANT LIFE, THE SOIL, AND THE WATER ITSELF. REFERENCE MATERIALS AUDIO-VISUAL AIDS, AND SUPPLEMENTAL ACTIVITIES ARE NOTED. (BL)

ACCESSION NUMBER: ED047169

PUBLICATION DATE: 71

TITLE: THE EASTER SEAL DIRECTORY OF RESIDENT CAMPS FOR PERSONS WITH SPECIAL HEALTH NEEDS.

DESCRIPTOR: *CAMPING; *DIRECTORIES; *EXCEPTIONAL CHILD SERVICES; *HANDICAPPED CHILDREN; OUTDOOR EDUCATION; *RECREATION; RESIDENTIAL PROGRAMS; SPECIAL HEALTH PROBLEMS; SUMMER PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 93P.

THE DIRECTORY OF RESIDENT CAMPS IS DESIGNED FOR PERSONS WITH SPECIAL HEALTH NEEDS (CHILDREN AND ADULTS WITH PHYSICAL, MENTAL, SOCIAL, OR EMOTIONAL HANDICAPS). PUBLISHED BY THE NATIONAL EASTER SEAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS, THE LISTING CONTAINS RESIDENTIAL FACILITIES ONLY (DAY CARE CAMP PROGRAM INFORMATION IS NOT INCLUDED). LISTED BY STATE, THE INFORMATION INCLUDES THE NAME OF THE CAMP, LOCATION, HANDICAP ELIGIBILITY, AGE RANGE AND CAPACITY, NATURE OF SESSIONS, CAMPERSHIPS AVAILABLE, SPONSOR, AND DESCRIPTIONS OF VARIOUS SERVICES. (CD)

AVAILABILITY: NATIONAL EASTER SEAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS, 2023 WEST OGDEN AVENUE, CHICAGO, ILLINOIS 60612 ($1.00)

ACCESSION NUMBER: ED047852

PUBLICATION DATE: 69

TITLE: TO TEACH A MIGRANT CHILD; PROGRAMS AND CONCEPTS IN MIGRANT EDUCATION.

PERSONAL AUTHOR: MINKLER, ELTON D.

DESCRIPTOR: BICULTURALISM; *BILINGUAL EDUCATION; *CULTURAL DISADVANTAGEMENT; CURRICULUM; ECONOMIC DISADVANTAGEMENT; INSERVICE EDUCATION; *MIGRANT CHILD EDUCATION; MOBILE LABORATORIES; *OBJECTIVES; OUTDOOR EDUCATION; PARENT PARTICIPATION; PROGRAM EVALUATION; SERVICES; *STATE FEDERAL AID; SUMMER PROGRAMS

IDENTIFIER: *OREGON

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 36P.

IN THE FOREWORD, IT IS STATED THAT "IT IS NOT THE PURPOSE OF THIS PUBLICATION TO SET FORTH A GRAND SCHEME FOR MIGRANT EDUCATION PROGRAMS, NOR IS IT INTENDED TO SERVE AS A PROGRESS REPORT OR AN ASSESSMENT OF THE OREGON STATE PLAN FOR MIGRANT EDUCATION. IT IS PUBLISHED WITH THE MUCH MORE HUMBLE INTENT OF REFLECTING IN SOME DEGREE THE PHILOSOPHY OF THE PROJECT ACTIVITIES OF THE STATE PROGRAMS." INCLUDED ARE THOUGHTS ON OBJECTIVES, SYMBOLIZATION, SYMPATHY, HOMOGENEOUS GROUPINGS, IDENTIFYING THE INDIVIDUAL, BILINGUAL CULTURE, AND THE USE OF SCHOOL-HOME COORDINATORS. ONGOING OREGON PROJECTS SELECTED BY THE AUTHORS FOR DISCUSSION ARE THE DAYTON MIGRANT SUMMER SCHOOL AND TEACHING LABORATORY, WHICH INVOLVES ALL AGE GROUPS; THE OUTDOOR EDUCATIONAL EXPERIENCES PROVIDED AT LAKE CREEK CAMP GROUNDS; THE MIGRALAB SERVICE; AND THE ONTARIO PROGRAM FOR ACADEMIC DEVELOPMENT OF PRESCHOOL THROUGH HIGH SCHOOL MIGRANT STUDENTS. APPENDICES ARE PROVIDED ON CURRICULUM DEVELOPMENT, UTILIZATION OF MIGRANT EDUCATION GRANTS, AND CRITERIA FOR MIGRANT EDUCATION PROGRAMS. (LS)

ACCESSION NUMBER: ED047865

PUBLICATION DATE: 71

TITLE: TOLEDO PUBLIC SCHOOLS: OPERATION SUCCESS: TEACHER'S CURRICULUM GUIDE.

DESCRIPTOR: BEHAVIORAL OBJECTIVES; *CURRICULUM GUIDES; *DISADVANTAGED YOUTH; *ELEMENTARY GRADES; GRADE 5; GRADE 6; OBJECTIVES; *OUTDOOR EDUCATION; *RESIDENT CAMP PROGRAMS; SCHEDULING; SCIENCES

IDENTIFIER: *OHIO

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 83P.

THE TOLEDO PUBLIC SCHOOLS DEVELOPED THIS CURRICULUM GUIDE FOR THE RESIDENT CAMP EXPERIENCE AS A PART OF A NEW PROGRAM ESPECIALLY DESIGNED FOR EDUCATING DISADVANTAGED CHILDREN. EMPHASIS AT THE CAMP IS PLACED ON YOUNG PEOPLE LEARNING TO LIVE AS A COMMUNITY GROUP WHERE 8 TO 10 STUDENTS PLUS A COUNSELOR LIVE IN CABINS FOR 5 DAYS. THE STUDENT GROUP CONSISTS OF 90 TO 180 FIFTH AND SIXTH GRADERS. A RATIONALE FOR OUTDOOR EDUCATION, THE PROGRAM'S OBJECTIVES, A DAILY SCHEDULE, AND PRE-OUTDOOR-EDUCATION SUGGESTIONS ARE GIVEN IN THE FIRST PART OF THIS 1971 GUIDE. ALSO INCLUDED ARE TIPS ON CLASSROOM PREPARATION, A TEACHER'S CHECK LIST, A DISCUSSION OF TEACHER'S RESPONSIBILITIES, FOLLOW-UP SUGGESTIONS, A COUNSELOR'S BRIEFING, RULES AND REGULATIONS AT THE RESIDENT OUTDOOR SCHOOL, AND INFORMATION FOR PROVIDING INSTRUCTION IN THE FOLLOWING AREAS: WEATHER, LANGUAGE ARTS, MATH AND MEASUREMENTS, ARTS AND CRAFTS, SCIENCE AND CONSERVATION, ANIMAL-PLANT COMMUNITY STUDY, ANIMAL TRACKING, INSECT STUDY, AND STUDY OF SOIL. RECREATIONAL AND OUTDOOR ACTIVITIES SUCH AS COOKOUTS, FISHING, AND HIKING ARE ALSO OUTLINED. (AN)

ACCESSION NUMBER: ED047953

PUBLICATION DATE: JAN 71

TITLE: SCIENCE FOR SOCIETY EDUCATION REVIEW, VOLUME 1 NUMBER 1.

DESCRIPTOR: CONFERENCE REPORTS; *ENVIRONMENT; *ENVIRONMENTAL EDUCATION; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; *PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 8P.; PAPERS PRESENTED AT THE AAAS CONFERENCE ON ENVIRONMENTAL EDUCATION COUNCILS (WASHINGTON, D.C., OCTOBER 30, 1970)

INCLUDED ARE SIX PAPERS DESCRIBING ENVIRONMENTAL EDUCATION PROGRAMS AT THE AAAS CONFERENCE ON ENVIRONMENTAL EDUCATION COUNCILS: COOPERATIVE SCIENCE EDUCATION CENTER, INC. (TENNESSEE); FERNBANK SCIENCE CENTER (GEORGIA); THE TILTON EXPERIENCE (NEW HAMPSHIRE); EVALUATION OF PROPOSALS FOR ENVIRONMENTAL EDUCATION COUNCILS (NEW YORK); FLORIDA ENVIRONMENTAL EDUCATION PROGRAM; AND THE NEW JERSEY STATE COUNCIL FOR ENVIRONMENTAL EDUCATION. THE PROGRAMS ENCOURAGE INTERDISCIPLINARY COOPERATION AND INVOLVEMENT IN COMMUNITY RESOURCES. (PR)

AVAILABILITY: AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, 1515 MASSACHUSETTS AVE., N.W., WASHINGTON, D.C. 20005

ACCESSION NUMBER: ED048230

PUBLICATION DATE: 67

TITLE: SCIENCE: INTERIM REVISION. CURRICULUM P1, J1.

DESCRIPTOR: *CURRICULUM GUIDES; *ELEMENTARY SCHOOL CURRICULUM; *ELEMENTARY SCIENCE; GRADE 1; GRADE 2; GRADE 3; GRADE 4; GRADE 5; GRADE 6; *OUTDOOR EDUCATION; *SCIENCE CURRICULUM

IDENTIFIER: NUFFIELD JUNIOR SCIENCE PROJECT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 71P.; FRENCH AND ENGLISH VERSIONS ARE INCLUDED

GRADES OR AGES: GRADES 1-6. SUBJECT MATTER: SCIENCE. ORGANIZATION AND PHYSICAL APPEARANCE: THE MAIN PART OF THE GUIDE CONTAINS OUTLINES OF THE COURSES FOR EACH GRADE, FOLLOWED BY A CHAPTER ON THE CLASSROOM AS A SCIENCE WORKPLACE, AND ONE ON THE OUTDOOR LABORATORY. THERE ARE FOUR APPENDIXES: A) NEW RESOURCES FROM CURRICULUM GROUPS, DESCRIBING RECENTLY DEVELOPED MATERIALS AND APPROACHES; B) CASE HISTORY IN THE NUFFIELD JUNIOR SCIENCE PROJECT; C) OBJECTIVES; AND D) PRELIMINARY LIST OF SOURCE MATERIALS FOR TEACHERS. THE GUIDE IS PRINTED BY LETTERPRESS AND SADDLE STITCHED, WITH A SOFT COVER. OBJECTIVES AND ACTIVITIES: THE OBJECTIVES ARE LISTED IN APPENDIX C. SUGGESTIONS FOR ACTIVITIES ARE INCLUDED IN THE COURSE DESCRIPTIONS FOR EACH GRADE. INSTRUCTIONAL MATERIALS: NO SPECIAL PROVISION IS MADE. NOTE: A FRENCH TRANSLATION OF THIS CURRICULUM GUIDE FORMS PART OF THE DOCUMENT. (MBM)

ACCESSION NUMBER: ED048567

PUBLICATION DATE: 71

TITLE: YOUTH DEVELOPMENT AND CONSERVATION CORPS.

DESCRIPTOR: ACTIVITIES; *CONSERVATION EDUCATION; ENROLLMENT; MANPOWER DEVELOPMENT; *OUTDOOR EDUCATION; *STATE PROGRAMS; *WORK EXPERIENCE PROGRAMS; *YOUTH PROGRAMS

IDENTIFIER: WASHINGTON STATE

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 18P.

CREATED IN 1961 BY THE WASHINGTON STATE LEGISLATURE, THE YOUTH DEVELOPMENT AND CONSERVATION CORPS (YDCC) AFFORDS YOUTH AND YOUNG MEN AGED 14-21 EMPLOYMENT OPPORTUNITIES IN CONSERVATION PROGRAMS THAT ENTAIL DEVELOPING, IMPROVING, AND MAINTAINING NATURAL AND ARTIFICIAL RECREATION AREAS FOR THE GENERAL PUBLIC. IT IS DESIGNED TO HELP YOUNG PEOPLE--REGARDLESS OF INCOME--LEARN VOCATIONAL AND WORK SKILLS, DEVELOP GOOD WORK HABITS, CULTIVATE A SENSE OF RESPONSIBILITY AND CONTRIBUTION TO SOCIETY, IMPROVE PARTICIPANTS' PHYSICAL AND MORAL WELL-BEING, AND PROMOTE AN UNDERSTANDING AND APPRECIATION OF NATURE. YDCC ENROLLEES WORK AS CREW MEMBERS UNDER A YDCC SUPERVISOR; THEY RECEIVE $25 A WEEK (40 HOURS) PLUS FREE ROOM AND BOARD AT A RESIDENT CAMP. IN URBAN AREAS, THE YDCC OPERATES A DAY PROGRAM ON A COMMUTER BASIS. THUS FAR, YDCC PROGRAMS HAVE RESULTED IN THE TRAINING AND EMPLOYMENT OF 6,173 PERSONS. (THE DOCUMENT INCLUDES RELATED MANPOWER PROGRAMS, AND DESCRIPTIONS OF 95 WORK PROJECTS.) (LY)

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ACCESSION NUMBER: ED048988

PUBLICATION DATE: 70

TITLE: RESPONSE OF MIGRANT CHILDREN TO OUTDOOR EDUCATION.

PERSONAL AUTHOR: HICK, THOMAS L.

DESCRIPTOR: *ARITHMETIC; *COMPARATIVE ANALYSIS; *MIGRANT CHILDREN; *OUTDOOR EDUCATION; *PERCEPTUAL MOTOR LEARNING; READING ACHIEVEMENT; STUDENT ATTITUDES; SUMMER PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 18P.

AN OUTDOOR EDUCATION PROGRAM FOR MIGRANT CHILDREN WAS COMPARED WITH A TYPICAL SCHOOL PROGRAM DURING THE SUMMER OF 1969. THE WIDE RANGE ACHIEVEMENT TEST WAS ADMINISTERED TO BOTH GROUPS TO OBTAIN A PRETEST AND POSTTEST MEASURE OF READING AND ARITHMETIC. VISUAL-MOTOR DEVELOPMENT WAS MEASURED BY THE BENDER-GESTALT SCORED BY THE KOPPITZ DEVELOPMENTAL SCORING METHOD. A SPECIAL MEASURE OF ATTITUDE TOWARD THE PROGRAMS WAS ALSO USED. EACH PROGRAM ENROLLED ABOUT 65 CHILDREN. BECAUSE OF ATTRITION AND STATISTICAL REQUIREMENTS, POPULATION ANALYSES WERE BASED ON A SAMPLE OF 26 FROM EACH PROGRAM FOR A TOTAL OF 52 SUBJECTS. RESULTS WERE BASED ON ANALYSIS OF COVARIANCE APPLIED TO THE POSTTEST DATA WITH CONTROL FOR CORRESPONDING PRETEST INFORMATION. CHILDREN IN THE TYPICAL INDOOR SUMMER SCHOOL PROGRAM IMPROVED MORE IN VISUAL-MOTOR DEVELOPMENT AND ARITHMETIC. NO SIGNIFICANT DIFFERENCES NOT ACCOUNTED FOR BY PRETEST DIFFERENCES WERE NOTED FOR ATTITUDINAL AND READING MODIFICATION. (AUTHOR)

ACCESSION NUMBER: ED048992

PUBLICATION DATE: AUG 70

TITLE: DEFINITION: CONSERVATION EDUCATION, ENVIRONMENTAL EDUCATION, OUTDOOR EDUCATION.

DESCRIPTOR: *COMPARATIVE ANALYSIS; *CONSERVATION EDUCATION; *DEFINITIONS; *ENVIRONMENTAL EDUCATION; INTERCOMMUNICATION; NATURAL RESOURCES; *OUTDOOR EDUCATION; PHYSICAL ENVIRONMENT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 4P.; PAPER FROM THE NATIONAL CONFERENCE OF THE CONSERVATION EDUCATION ASSOCIATION, LAFAYETTE, LA., AUGUST 1970

CONSERVATION EDUCATION, OUTDOOR EDUCATION, AND ENVIRONMENTAL EDUCATION ALL HAVE AS A COMMON GOAL THE UNDERSTANDING AND APPRECIATION OF THE NATURAL WORLD. OUTDOOR EDUCATION IS A METHOD OF TEACHING WHEREIN ESTABLISHED DISCIPLINES, TOPICS, AND CONCEPTS WHICH CAN BEST BE TAUGHT OUTDOORS ARE TAUGHT OUTDOORS. CONSERVATION EDUCATION IS THE STUDY OF MAN'S INTELLIGENT USE OF HIS NATURAL ENVIRONMENT THROUGH THE DEVELOPMENT, MANAGEMENT, PRESERVATION, AND RENEWAL OF NATURAL RESOURCES FOR HIS MATERIAL, CULTURAL, AND AESTHETIC NEEDS TO BENEFIT PRESENT AND FUTURE GENERATIONS. ENVIRONMENTAL EDUCATION, THE STUDY OF ALL THINGS SURROUNDING MAN WHICH AFFECT HIS EXISTENCE, IS AIMED AT DEVELOPING AN INFORMED CITIZENRY MOTIVATED TO THE RECOGNITION OF PROBLEMS AND TO COLLECTIVE ACTION FOR SOLUTION. THE INCREASE IN URBAN POPULATIONS AND THE LACK OF UNDERSTANDING OF MODERN AMERICANS FOR THEIR ENVIRONMENTAL HERITAGE MAKE IT IMPERATIVE THAT A PROGRAM IN EDUCATION DEAL WITH THIS HERITAGE IN RELEVANT TERMS. THE CONSERVATION EDUCATION ASSOCIATION URGES THAT THE PHILOSOPHY AND TERMINOLOGY OF EDUCATORS IN THESE 3 FIELDS BE EXPLAINED AND CLARIFIED AND THAT ORGANIZATIONS WITH THESE PHILOSOPHIES AGREE ON THEIR OBJECTIVES AND DECIDE ON A TERMINOLOGY WHICH CLEARLY REFLECTS THESE OBJECTIVES. (JH)

ACCESSION NUMBER: ED049026

PUBLICATION DATE: 70

TITLE: ENVIRONMENTAL EDUCATION OBJECTIVES AND FIELD ACTIVITIES, THIRD EDITION.

PERSONAL AUTHOR: MAJOR, JAMES M.; CISSELL, CHARLES A.

DESCRIPTOR: CURRICULUM ENRICHMENT; *ENVIRONMENTAL EDUCATION; *FIELD INSTRUCTION; INTERDISCIPLINARY APPROACH; *LEARNING ACTIVITIES; *NATURAL RESOURCES; OBJECTIVES; OUTDOOR EDUCATION; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$9.87

DESCRIPTIVE NOTE: 272P.

CONTAINED IN THIS TEACHER'S GUIDE ARE EDUCATIONAL OBJECTIVES AND NUMEROUS FIELD ACTIVITY SUGGESTIONS FOR ENVIRONMENTAL EDUCATION. PART ONE DEALS WITH THE TOTAL ENVIRONMENTAL EDUCATION PROGRAM, PRIMARILY DEVELOPED FOR FIFTH GRADE STUDENTS, BUT ADAPTABLE TO ANY LEVEL, AGE SIX TO ADULT. SAMPLE OBJECTIVES OF AN ENVIRONMENTAL EDUCATION PROGRAM, GENERAL EDUCATIONAL OBJECTIVES, SCHOOL OBJECTIVES, AND SUBJECT AREAS OF STUDY OBJECTIVES ARE OUTLINED IN ADDITION TO A SUGGESTED INSTRUCTIONAL APPROACH AND PHILOSOPHY OF ENVIRONMENTAL EDUCATION. PART TWO DESCRIBES 86 FIELD ACTIVITIES DEVELOPED FOR ELEMENTARY STUDENTS USING THE YOUTH ACTIVITY STATION, LAND BETWEEN THE LAKES, KENTUCKY. THESE ARE IN THE AREAS OF LIFE SCIENCE, EARTH SCIENCE, ASTRONOMY, WEATHER, CONSERVATION, POLLUTION, SOCIAL SCIENCE, AND LANGUAGE ARTS. A BIBLIOGRAPHY, SAMPLE PROGRAM SCHEDULE, CHECKLISTS, AND SECTION ON WRITING BEHAVIORAL OBJECTIVES ARE ALSO INCLUDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

AVAILABILITY: PADUCAH PUBLIC SCHOOLS, 10TH AND CLARK STREETS, PADUCAH, KY. 42001 ($2.50)

ACCESSION NUMBER: ED049031

PUBLICATION DATE: 69

TITLE: CHANGES IN ATTITUDE TOWARD OUTDOOR EDUCATION BY TEACHERS AND ADMINISTRATORS AFTER PARTICIPATION IN THE COOPERATIVE OUTDOOR EDUCATION PROJECT, TITLE III, E.S.E.A.

PERSONAL AUTHOR: CHASE, CRAIG CARLETON

DESCRIPTOR: ADMINISTRATOR ATTITUDES; *ATTITUDES; *ELEMENTARY SCHOOL TEACHERS; ENVIRONMENTAL EDUCATION; EVALUATION; *INSERVICE EDUCATION; *OUTDOOR EDUCATION; TEACHER ATTITUDES; TEACHER EDUCATION

IDENTIFIER: ESEA TITLE III

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 122P.; DISSERTATION ABSTRACT, SOUTHERN ILLINOIS UNIV., CARBONDALE

THIS STUDY EVALUATES THE CHANGES IN ATTITUDES OF WILLIAMSON COUNTY, ILLINOIS, SCHOOL ADMINISTRATORS AND ELEMENTARY TEACHERS TOWARD THE USEFULLNESS OF OUTDOOR EDUCATION IN ACHIEVING ACADEMIC GOALS FOR THEIR STUDENTS. THE 165 PARTICIPANTS IN THE STUDY CONSTITUTED ALL OF THE EDUCATORS FROM THE 23 ELEMENTARY SCHOOLS IN THE COUNTY. INSTRUMENTS USED IN THE STUDY INCLUDED THE OUTDOOR EDUCATION INVENTORY FOR EVALUATING EDUCATORS' ATTITUDES TOWARD OUTDOOR EDUCATION, AND THE OUTDOOR EDUCATION EMPHASIS, A FORM DESIGNED FOR THE STUDY TO PROVIDE INFORMATION ON POPULATION CHARACTERISTICS. RESULTS SHOW THAT THERE WERE SIGNIFICANT DIFFERENCES IN THE ATTITUDES OF BOTH THE TEACHERS AND THE ADMINISTRATORS TOWARD OUTDOOR EDUCATION, THAT SEX WAS AN IDENTIFIABLE CHARACTERISTIC AS TO WHICH ACADEMIC AREAS WOULD BENEFIT FROM OUTDOOR EDUCATION STUDIES, AND THE LESS EXPERIENCED EDUCATORS EVIDENCED THE GREATEST POSITIVE ATTITUDE CHANGE. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (AUTHOR/PR)

AVAILABILITY: UNIVERSITY MICROFILMS, 300 NORTH ZEEB RD., ANN ARBOR, MICHIGAN 48106 (ORDER NO. 70-7267, MICROFILM $3.00, XEROGRAPHY $6.00)

ACCESSION NUMBER: ED049914

PUBLICATION DATE: 70

TITLE: EXPLORING HO-NEE-UM IN THE SPRING.

DESCRIPTOR: AUDIOVISUAL AIDS; ECOLOGY; *ELEMENTARY GRADES; FILMSTRIPS; *INSTRUCTIONAL MATERIALS; INSTRUCTIONAL TRIPS; *NATURAL RESOURCES; *OUTDOOR EDUCATION; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 27P.

APPRECIATION AND CONCERN FOR THE PRESERVATION OF OUR NATURAL RESOURCES BY ALL CITIZENS IS THE PRIMARY CONCERN OF THIS TEACHER'S GUIDE FOR USE IN GRADES THREE AND FOUR. IT EMPLOYS THE USE OF A FILMSTRIP IN CONJUNCTION WITH A LOCAL NATURE TRAIL, TO GUIDE STUDENTS IN DEVELOPING AWARENESS--BY LOOKING CLOSELY, LISTENING, TOUCHING, AND SMELLING. THE FILMSTRIP IS EXPLAINED IN ITS ENTIRETY, ILLUSTRATING EACH FRAME AND ITS ACCOMPANYING SCRIPT. QUESTIONS IN THE SCRIPT ARE DESIGNED TO ENCOURAGE CLASS DISCUSSION DURING THE VIEWING TIME. BRACKETED PARAGRAPHS PROVIDE THE TEACHER WITH ADDITIONAL INFORMATION. ALSO PROVIDED IS AN OUTLINE OF IDEAS WHICH APPEAR IN THE SCRIPT TOUCHING UPON SPRING CHANGES, HABITAT, EFFECTS OF MAN ON THE ENVIRONMENT, AND PAST OCCURRENCES. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. FILMSTRIP NOT INCLUDED. (BL)

ACCESSION NUMBER: ED049919

PUBLICATION DATE: 70

TITLE: THE ENVIRONMENTAL SCHOOL.

PERSONAL AUTHOR: MENESINI, MARIO M.

DESCRIPTOR: *EDUCATIONAL PLANNING; *ENVIRONMENTAL EDUCATION; *INTERDISCIPLINARY APPROACH; LEARNING ACTIVITIES; NATURAL RESOURCES; OUTDOOR EDUCATION; PERCEPTION; *PROGRAM DEVELOPMENT; RESOURCE MATERIALS; *TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 86P.

THE GENERAL PURPOSE OF THIS WORKBOOK-GUIDE IS TO BRING COMMON UNDERSTANDING TO THOSE CONCERNED WITH ENVIRONMENTAL EDUCATION PLANNING. THE INFORMATION IS DIRECTED BOTH TOWARD THOSE WHO HAVE EXPERIENCE IN PRODUCING ENVIRONMENTAL EDUCATION ACTIVITIES, AS WELL AS THOSE WHO HAVE HAD LITTLE OR NO CONTACT WITH SUCH PROGRAMS. THE APPROACH IS FOUR-FOLD PRESENTING: (1) AN ENVIRONMENTAL AWARENESS PROGRAM (EAP), (2) AN ENVIRONMENTAL RESOURCE BOOK FOR TEACHERS, PARK PERSONNEL, AND ALL COMMUNITY AGENCY PERSONNEL INTERESTED IN ENVIRONMENTAL EDUCATION, (3) A DETAILED PLAN ON HOW TO ADVENTURE INTO ALL THE ENVIRONMENTS - NATURAL, MAN-MADE, PRISTINE, OR POLLUTED - FOR RELEVANT EDUCATIONAL PURPOSES, AND (4) A PRACTICAL GUIDE TO ENCOURAGE THE ENVIRONMENTAL AWARENESS OF CHILDREN, ADOLESCENTS, AND ADULTS. TO THIS END THE EAP USES OUTDOOR AREAS CALLED ENVIRONMENTAL AWARENESS SITES (EAS) AND OFFERS A CONCEPTUAL FRAMEWORK CALLED "STRANDS" TO SYNTHESIZE THE MANY ELEMENTS OF ENVIRONMENTAL STUDY. THE BOOK CAN SERVE AS BOTH A CHECKLIST AND GUIDE FOR ASSESSING LOCAL ENVIRONMENTAL PROBLEMS AND POSSIBILITIES AND FOR DEVELOPING PROCEDURES THAT WILL HELP IMPLEMENT AN ENVIRONMENTAL SCHOOL PROGRAM. (BL)

AVAILABILITY: EDUCATIONAL CONSULTING SERVICE, 89 ORINDA WAY, #6, ORINDA, CALIF. 94563 ($5.00)

ACCESSION NUMBER: ED050325

PUBLICATION DATE: 70

TITLE: STUDENTS OF OUTWARD BOUND SCHOOLS IN GREAT BRITAIN. A FOLLOW-UP STUDY.

PERSONAL AUTHOR: FLETCHER, B. A.

DESCRIPTOR: *EDUCATIONAL RESEARCH; *OUTDOOR EDUCATION; PILOT PROJECTS; *SPECIAL SCHOOLS

IDENTIFIER: OUTWARD BOUND SEA SCHOOL; WALES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 87P.

THE OUTWARD BOUND TRUST WAS FORMED IN 1946 IN WALES AND ASSUMED RESPONSIBILITY FOR THE ONLY SCHOOL OF ITS TYPE THEN EXISTING, NAMELY, THE OUTWARD BOUND SEA SCHOOL. THE TRUST HAS GROWN TO BE RESPONSIBLE FOR FIVE BOYS' SCHOOLS AND ONE GIRLS' SCHOOL IN THE UNITED KINGDOM AND FOR GIVING HELP AND ADVICE TO 18 SCHOOLS OVERSEAS. STOCK OF WHAT THE TRUST IS DOING AND OF THE EFFECT ON THOSE WHO ATTEND ITS COURSES IS TAKEN. EARLIER RESEARCHES ARE DISCUSSED, AND PILOT STUDIES ARE EXAMINED. ALSO, FOLLOW-UP STUDIES ARE ANALYZED. TABLES ARE INCLUDED AND CONCLUSIONS LISTED. (CK)

ACCESSION NUMBER: ED050859

PUBLICATION DATE: 70

TITLE: BIBLIOGRAPHY OF THESES AND DISSERTATIONS IN RECREATION, PARKS, CAMPING, AND OUTDOOR EDUCATION.

PERSONAL AUTHOR: VAN DER SMISSEN, BETTY, COMP.; JOYCE, DONALD V., COMP.

DESCRIPTOR: *ANNOTATED BIBLIOGRAPHIES; *CAMPING; DOCTORAL THESES; MASTERS THESES; *OUTDOOR EDUCATION; *PARKS; *RECREATION

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 555P.

THE BIBLIOGRAPHY PROVIDES 3831 ANNOTATED CITATIONS OF THESES AND DISSERTATIONS IN THE AREAS OF RECREATION, PARKS, CAMPING, AND OUTDOOR EDUCATION. THE STUDIES, COMPLETED FROM 1910 TO 1970, REPRESENT 188 INSTITUTIONS. ENTRIES ARE INDEXED BY PARTICIPATING INSTITUTION AND TOPIC. (MJB)

AVAILABILITY: NATIONAL RECREATION AND PARK ASSOCIATION, 1700 PENNSYLVANIA AVENUE, N.W., WASHINGTON, D.C. 20006 ($7.50)

ACCESSION NUMBER: ED050877

PUBLICATION DATE: 70

TITLE: A FACTOR ANALYSIS OF ATTITUDES TOWARD THE TERM "OUTDOOR EDUCATION" AS GIVEN BY THE MEMBERS OF THE AAHPER COUNCIL ON OUTDOOR EDUCATION AND CAMPING.

PERSONAL AUTHOR: HORN, B. RAY

DESCRIPTOR: *ATTITUDES; COLLEGE FACULTY; *CONSERVATION EDUCATION; *ENVIRONMENTAL EDUCATION; GRADUATE STUDENTS; *OUTDOOR EDUCATION; RECREATIONAL ACTIVITIES; *RESEARCH; VOCABULARY

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 91P.

THE PROBLEM WAS TO DETERMINE SIMILARITIES AND DIFFERENCES IN ATTITUDES TOWARD THE MEANING OF THE TERM "OUTDOOR EDUCATION." THE EXAMINED POPULATION COMPRISED MEMBERS OF THE AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION'S (AAHPER) COUNCIL ON OFTDOOR EDUCATION AND CAMPING WHO WERE ASSOCIATED WITH COLLEGES AND UNIVERSITIES. RESULTS WERE SIGNIFICANT. OF THE 118 IN THE POPULATION, 97% RESPONDED BY COMPLETING THE TEST INSTRUMENT. RESULTS INDICATED THAT THE AAHPER COUNCIL WAS DIVIDED INTO 3 PARTIALLY OVERLAPPING INTEREST GROUPS, EACH HAVING SOME INDIVIDUAL AND SOME SHARED ATTITUDES TOWARD THE MEANING OF "OUTDOOR EDUCATION." THE RESEARCH HYPOTHESIS WAS THAT AGREEMENT EXISTED AMONG MEMBERS OF THE AAHPER COUNCIL ON THE MEANING OF "OUTDOOR EDUCATION." "AGREEMENT" WAS OPERATIONALLY DEFINED AS AT LEAST 70% OF THE RESPONDENTS APPEARING ON ANY ONE OF THE ATTITUDE FACTORS ABSTRACTED BY A FACTOR ANALYTIC COMPUTER PROGRAM (Q-METHODOLOGY). SINCE 70% OF THE RESPONDENTS DID NOT APPEAR ON ANY ONE OF THE FACTORS, THE HYPOTHESIS WAS REJECTED. SINCE AREAS OF DISAGREEMENT APPEARED, IT WAS WITHIN THE SCOPE OF INQUIRY TO DESCRIBE THE NATURE OF THIS DISAGREEMENT. AN ANALYSIS AND INTERPRETATION OF THE EXTRACTED FACTORS AND AN EXPLANATION OF THE CONCOMITANT ATTITUDE GROUPS DESCRIBED THE AREAS OF THIS DISAGREEMENT. THE 3 PROMINENT ATTITUDE GROUPS WERE THE (1) ENVIRONMENT-ORIENTED GROUP, (2) CONSERVATION-ORIENTED GROUP, AND (3) OUTDOOR-ACTIVITY-ORIENTED GROUP. (AUTHOR/LS)

ACCESSION NUMBER: ED050935

PUBLICATION DATE: AUG 68

TITLE: EDUCATION AND OUTDOOR RECREATION.

DESCRIPTOR: *COOPERATIVE PROGRAMS; EDUCATIONAL PROGRAMS; *ENVIRONMENTAL EDUCATION; INTEGRATED ACTIVITIES; *OUTDOOR EDUCATION; *RECREATION; RESEARCH

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 49P.

RESPONSIBILITY FOR MEETING THE NEEDS AND DEMANDS OF THE PUBLIC FOR OUTDOOR RECREATION HAS LED THE BUREAU OF OUTDOOR RECREATION TO COOPERATE WITH EDUCATIONAL INSTITUTIONS AND OTHERS IN ORDER TO ASSIST IN ESTABLISHING EDUCATION PROGRAMS AND ACTIVITIES AND TO ENCOURAGE PUBLIC USE AND BENEFITS FROM OUTDOOR RECREATION. TO THIS END THE BUREAU CONDUCTS SPECIAL STUDIES; THIS PAPER IS A RESULT OF SUCH A STUDY. THE RELATIONSHIPS AND INTERDEPENDENCE OF RECREATION AND EDUCATION, OUTDOOR RECREATION AND OUTDOOR EDUCATION ARE EXPLORED THROUGH A DISCUSSION OF THE OPPORTUNITIES OF SCHOOLS AND OTHER AGENCIES TO DEVELOP THE MUTUAL RELATIONSHIPS NECESSARY BETWEEN EDUCATION AND OUTDOOR RECREATION. TOPICS INCLUDE: EARLY APPROACHES AND ENVIRONMENTAL EDUCATION IN ELEMENTARY AND SECONDARY SCHOOLS; GENERAL, ADULT, PROFESSIONAL, AND TEACHER EDUCATION, TECHNICIANS, AND COMMUNITY RELATIONS FOR COLLEGES AND UNIVERSITIES; EDUCATIONAL AND RESOURCE ORGANIZATIONS; PUBLIC AGENCIES; AND COMMUNICATIONS MEDIA. RECOMMENDATIONS ARE PROVIDED FOR ELEMENTARY AND SECONDARY EDUCATION; GENERAL, PROFESSIONAL, AND TECHNICAL HIGHER EDUCATION; RELATED AREAS; AND GENERAL IMPROVEMENT. THE INFORMATION WAS OBTAINED FROM PRINTED PUBLICATIONS, DUPLICATED MATERIAL, INFORMAL MEMORANDA, AND FROM INTERVIEWS AND CORRESPONDENCE WITH MANY INDIVIDUALS IN PUBLIC AGENCIES, EDUCATIONAL INSTITUTIONS, AND PRIVATE ORGANIZATIONS. (BL)

ACCESSION NUMBER: ED050964

PUBLICATION DATE: 70

TITLE: SUMMARY EVALUATION FOR A SCHOOL-COMMUNITY OUTDOOR EDUCATION PROJECT.

DESCRIPTOR: *EDUCATIONAL PROGRAMS; *OUTDOOR EDUCATION; PARTICIPANT SATISFACTION; *PROGRAM EVALUATION; PROJECTS; SCHOOL COMMUNITY COOPERATION

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 111P.

A SUMMARY EVALUATION OF THE CRYSTAL LAKE, ILLINOIS OUTDOOR EDUCATION PROGRAM IS CONTAINED IN THIS DOCUMENT. THE PROJECT ENTITLED "A SCHOOL-COMMUNITY OUTDOOR EDUCATION PROJECT" IS A YEAR ROUND PROGRAM FOR TEACHING IN, FOR, AND ABOUT THE OUTDOORS. DESIGNED LARGELY TO ASSIST TEACHERS TO MEET EDUCATIONAL OBJECTIVES RELATING TO THE OUT-OF-DOORS AND MAN'S ENVIRONMENT, THE PROGRAM WAS ALSO PLANNED TO ENRICH LEARNING IN ALL SUBJECT AREAS. MAJOR ATTENTION OF THE REPORT FOCUSES ON THE TESTING OF PUPILS AND THE REACTIONS OF THOSE INVOLVED IN THE PROGRAM-INITIATORS, ASSISTEES, AND RECIPIENTS. ANALYSIS AND EVALUATION IS MADE OF THE COMMENTS BY TEACHERS, ADMINISTRATORS, PUPILS, PARENTS AND COMMUNITY AGENTS, ALONG WITH RECOMMENDATIONS FOR FUTURE PROGRAMS. THE NARRATIVE REPORT SUGGESTS THE GREATEST EDUCATIONAL CHANGE IN THE THREE YEAR PROJECT HAS BEEN IN TEACHING METHODOLOGY--INCREASED USE OF THE OUT-OF-DOORS IN ALL SUBJECTS. ANOTHER GAIN HAS BEEN THE INCREASED COMMUNITY-RELATEDNESS OF THE SCHOOLS THROUGH COOPERATION OF AGENCIES AND INDIVIDUALS WITH THE SCHOOL PROGRAMS. STATISTICAL DATA AND SAMPLE DISSEMINATION MATERIALS ARE ALSO PRESENTED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

ACCESSION NUMBER: ED050968

PUBLICATION DATE: 71

TITLE: OUTDOOR ACTIVITIES FOR ENVIRONMENTAL STUDIES.

PERSONAL AUTHOR: KNAPP, CLIFFORD E.

DESCRIPTOR: *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; *LEARNING ACTIVITIES; LESSON PLANS; NATURAL RESOURCES; OUTDOOR EDUCATION; SCIENCE ACTIVITIES; *STUDENT PROJECTS; *TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 48P.; INSTRUCTOR HANDBOOK SERIES

THIS BOOKLET IS A COMPILATION OF FIELD-TESTED OUTDOOR ACTIVITIES INTRODUCING BASIC PROJECTS FOR SMALL GROUP OR INDIVIDUALIZED STUDY IN MONITORING CERTAIN ASPECTS OF THE ENVIRONMENT. ITS PURPOSE IS TO PROVIDE TEACHERS WITH NEW WAYS TO INVOLVE CHILDREN DIRECTLY IN MEANINGFUL AND DEVELOPMENTAL LEARNING ACTIVITIES AND TO HELP STUDENTS BECOME MORE SENSITIVE AND UNDERSTANDING OF THE QUANTITATIVE ASPECTS OF THEIR ENVIRONMENT. AN INTERDISCIPLINARY APPROACH IS UTILIZED WITH LESSON PLANS ALLOWING FOR A WIDE VARIETY OF STUDENT ABILITIES AND GRADE LEVEL USE. PROJECTS INCLUDE: MEASURING HORIZONTAL AND VERTICAL DISTANCES; SLOPE MEASUREMENTS; USING A HYPSOMETER, CLINOMETER AND SECCHI DISK; ESTIMATING BOARD LUMBER; MOVING WATER; SOIL COMPACTION AND WATER ABSORPTION; WIND SPEED; AND CONSTRUCTION AND USE OF A SUNDIAL. FOR EACH PROJECT OR LESSON BACKGROUND INFORMATION IS PROVIDED IN ADDITION TO OBJECTIVES, CONCEPTS, VOCABULARY, MATERIALS NEEDED, INSTRUCTIONAL PROCEDURE AND ACTIVITIES, AND IDEAS FOR FURTHER INVESTIGATION. (BL)

AVAILABILITY: THE INSTRUCTOR PUBLICATIONS, INC., DANSVILLE, NEW YORK 14437

ACCESSION NUMBER: ED050973

PUBLICATION DATE: 71

TITLE: OUTLINES OF ENVIRONMENTAL EDUCATION.

PERSONAL AUTHOR: SCHOENFELD, CLAY, ED.

DESCRIPTOR: ECOLOGY; EDUCATIONAL PROGRAMS; *ENVIRONMENTAL EDUCATION; *ESSAYS; *INSTRUCTIONAL MATERIALS; NATURE CENTERS; OUTDOOR EDUCATION; *PUBLICATIONS; RESOURCE MATERIALS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$9.87

DESCRIPTIVE NOTE: 257P.

SELECTED ARTICLES FROM THE FIRST TWO YEARS OF PUBLICATION OF THE QUARTERLY JOURNAL "ENVIRONMENTAL EDUCATION" ARE REPRINTED IN THIS BOOK TOGETHER WITH EDITORIAL REMARKS WHERE APPROPRIATE. CONTRIBUTIONS FROM 76 INDIVIDUALS AND ORGANIZATIONS ARE INCLUDED. CHAPTERS DEAL WITH THE SETTING FOR ENVIRONMENTAL EDUCATION, DEFINITIONS AND DIRECTIONS, ELEMENTARY AND SECONDARY SCHOOL CURRICULA, UNIVERSITY DIMENSIONS, NEW NATURE CENTERS AND LEARNING LABORATORIES, AND COMMUNITY ACTION PROGRAMS. REFERENCES ARE INCLUDED AT THE END OF EACH ARTICLE WHEN NECESSARY. THE GOAL OF THE BOOK IS TO HELP PROFESSIONALIZE THE FIELD OF ENVIRONMENTAL EDUCATION BY PRESENTING RELEVANT REPORTING OF INVESTIGATIONS, CREATIVE DEVELOPMENTS, AND IMAGINATIVE INSIGHTS IN CONSERVATION COMMUNICATIONS. (BL)

AVAILABILITY: DEMBAR EDUCATIONAL RESEARCH SERVICES, BOX 1148, MADISON, WISCONSIN 53701

ACCESSION NUMBER: ED050990

PUBLICATION DATE: MAY 70

TITLE: CAN EDUCATION AND THIS NATION SURVIVE? AMERICAN OCEANOGRAPHY.

PERSONAL AUTHOR: KRAFT, TOM, ED.

DESCRIPTOR: COLLEGE SCIENCE; *CURRICULUM; ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *OCEANOLOGY; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; SECONDARY SCHOOL SCIENCE

IDENTIFIER: AMERICAN SOCIETY FOR OCEANOGRAPHY

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 12P.; AMERICAN OCEANOGRAPHY, SPECIAL EDUCATION ISSUE

BRIEF DESCRIPTIONS OF 9 MARINE SCIENCE PROGRAMS FOR STUDENTS AT VARIOUS EDUCATIONAL LEVELS ARE GIVEN IN THIS SPECIAL ISSUE. MOST OF THE ACCOUNTS DESCRIBE THE PROCEDURES FOLLOWED BY THE CENTER CONCERNED, BUT SOME SPECIFY THE OBJECTIVES THAT GUIDE THE WORK. MOST OF THE PROJECTS DESCRIBED INVOLVE STUDENTS USING THE FACILITIES IN ACTIVE RESEARCH, RATHER THAN PROVIDING LECTURE-DEMONSTRATIONS. (AL)

AVAILABILITY: AMERICAN OCEANOGRAPHY, 854 MAIN BUILDING, HOUSTON, TEXAS 77002

ACCESSION NUMBER: ED051932

PUBLICATION DATE: DEC 69

TITLE: "THE CEMETERY." TAFT CAMPUS OCCASIONAL PAPER NO. I.

PERSONAL AUTHOR: LEE, MORLEY

DESCRIPTOR: ART; *EDUCATIONAL RESOURCES; ELEMENTARY SCHOOL STUDENTS; *FIELD INSTRUCTION; GEOGRAPHY; GEOLOGY; *INTERDISCIPLINARY APPROACH; LANGUAGE ARTS; MATHEMATICS; *OUTDOOR EDUCATION; SCIENCES; *SOCIAL STUDIES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 10P.

A STUDY OF A CEMETERY CAN REVEAL MUCH ABOUT THE LIVES OF PEOPLE OF THE PAST AND CAN BE USED AS A SUPPLEMENT TO CLASSROOM EXPERIENCES. POSSIBLE OBJECTIVES OF A FIELD TRIP TO A CEMETERY MIGHT BE: (1) TO DEVELOP AN APPRECIATION AND AWARENESS OF THE CEMETERY AS A SUPPLEMENT TO THE PRESENT CURRICULA OF ART, LANGUAGE ARTS, HISTORY, MATHEMATICS, AND OTHERS; (2) TO DEVELOP A RESPECT AND APPRECIATION FOR THIS PARTICULAR RESOURCE THAT WILL RESULT IN PROPER CARE OF, AND BEHAVIOR AT, THE CEMETERY; (3) TO DEVELOP AN UNDERSTANDING OF MEN OF PAST GENERATIONS, THEIR RELATIONSHIP TO THEIR ENVIRONMENT, AND THEIR EFFECTS UPON OUR PRESENT ENVIRONMENT; (4) TO MOTIVATE STUDENTS TO DO FURTHER STUDY ON THEIR OWN, APART FROM THAT DONE IN SCHOOL; AND (5) TO HAVE STUDENTS BECOME AWARE OF THEIR OWN FEELINGS WHILE IN THIS TYPE OF ENVIRONMENT. IN THIS STUDY GUIDE, SAMPLES OF CONCEPTS, TOPICS, AND QUESTIONS HAVE BEEN ORGANIZED INTO SUBJECT MATTER CATEGORIES: (JH)

ACCESSION NUMBER: ED051933

PUBLICATION DATE: 67

TITLE: SCHOOL CAMPING? WHAT'S IT ALL ABOUT? TAFT CAMPUS OCCASIONAL PAPERS, NO. II.

PERSONAL AUTHOR: DONALDSON, GEORGE W.

DESCRIPTOR: BUS TRANSPORTATION; *CAMPING; CURRICULUM ENRICHMENT; *DAY CAMP PROGRAMS; EDUCATIONAL DISADVANTAGEMENT; *EDUCATIONAL FINANCE; EDUCATIONAL PHILOSOPHY; *EDUCATIONAL PLANNING; INSURANCE PROGRAMS; *OUTDOOR EDUCATION; RECREATIONAL FACILITIES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 9P.

SCHOOL CAMPING BEGAN IN THE UNITED STATES IN THE 1940'S AND UNDERWENT EXPANSION ON A GRAND SCALE DURING THE 1950'S; IN 1967, IT REACHED MORE THAN ONE-HALF MILLION STUDENTS IN OVER 1000 SCHOOL DISTRICTS. THE PHILOSOPHY OF EARLY SCHOOL CAMPS WAS ALMOST TOTALLY ACTIVITY-CENTERED, WITH LITTLE EMPHASIS ON FORMAL CURRICULAR SUBJECT MATTER, SUCH AS SCIENCE AND MATH, EXCEPT WHERE NEEDED TO SOLVE PROBLEMS AT HAND; HOWEVER, MODERN PHILOSOPHY OF SCHOOL CAMPS EMPHASIZES THOSE ACTIVITIES NOT NORMALLY UNDERTAKEN IN THE CLASSROOM AS WELL AS SCHOOL SUBJECT ORGANIZATION WHEREIN DIFFERENT SUBJECT MATTER AREAS ARE DEALT WITH SPECIFICALLY. SINCE MANY SCHOOL DISTRICTS DO NOT OWN THEIR OWN CAMP SITES, A POTENTIAL METHOD OF ACQUISITION OF FACILITIES IS RENTAL FROM SOME OTHER ORGANIZATION OR GOVERNMENTAL AGENCY. THE MAJOR JUSTIFICATION SCHOOLS HAVE FOR OFFERING SCHOOL CAMP PROGRAMS IS THAT THESE PROGRAMS OFFER THE POTENTIAL FOR EXPERIENCES UNAVAILABLE IN THE CLASSROOM. (DA)

ACCESSION NUMBER: ED051934

PUBLICATION DATE: 71

TITLE: RECENT PUBLICATIONS (1966-1970) OF FACULTY, DEPARTMENT OF OUTDOOR TEACHER EDUCATION, NORTHERN ILLINOIS UNIVERSITY. TAFT CAMPUS OCCASIONAL PAPERS NO. III.

DESCRIPTOR: *BIBLIOGRAPHIES; *COLLEGE FACULTY; *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; *PUBLICATIONS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 21P.

RECENT PUBLICATIONS (1966-1970) OF NORTHERN ILLINOIS UNIVERSITY'S FACULTY IN OUTDOOR TEACHER EDUCATION ARE CITED IN THIS BIBLIOGRAPHY. THE LISTS CONTAIN NEARLY ALL OF THE PUBLISHED WRITING OF THE YOUNGER FACULTY MEMBERS. IN THE CASE OF OLDER FACULTY MEMBERS, HOWEVER, A LARGE PORTION OF THEIR WRITING MAY HAVE BEEN PUBLISHED BEFORE 1966 AND IS NOT INCLUDED. MANY OF THE MORE THAN 150 TITLES LISTED ARE AVAILABLE AT THE TAFT CAMPUS INSTRUCTIONAL MATERIALS CENTER. AVAILABILITY OF LIFETIME PUBLICATIONS LISTS OF OLDER FACULTY MEMBERS IS GIVEN. (JH)

ACCESSION NUMBER: ED051935

PUBLICATION DATE: 71

TITLE: TEACHING IN THE FIELD.

PERSONAL AUTHOR: DONALDSON, LOU; DONALDSON, GEORGE

DESCRIPTOR: *CURRICULUM ENRICHMENT; *FIELD TRIPS; *INSTRUCTIONAL TRIPS; METHODOLOGY; *OUTDOOR EDUCATION; PLANNING; *TEACHING GUIDES; TEACHING PROCEDURES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 32P.

BEGINNING WITH A FIELD-TRIP JUSTIFICATION, THIS GUIDE ILLUMINATES THE PROBLEMS AND PROCEDURAL CONSIDERATIONS OF TAKING SCHOOL CLASSES OUTSIDE OF SCHOOL GROUNDS. MAJOR DIVISIONS OF TREATMENT ARE MOTIVATING FIELD WORK, PREPARING YOURSELF (THE TEACHER), DETERMINING PURPOSES, PREPARING FOR THE MECHANICS OF THE TRIP, GETTING PERMISSION, PLANNING FOR TRANSPORTATION, DETERMINING THE LENGTH OF THE TRIP, ROUTING THE TRIP, MAKING RULES, INSURING HEALTH AND SAFETY, DECIDING ON NEEDED EQUIPMENT, PROVIDING WATER, SECURING FOOD, CONDUCTING THE TRIP, TEACHING IN THE FIELD, FOLLOWING UP THE FIELD LEARNINGS, AND EVALUATING THE LEARNING EXPERIENCES. INCLUDED ARE 3 APPENDIXES: EXPLORING A FOREST (AN ACCOUNT OF A FIELD TRIP WITH 7-YEAR-OLDS), CHECK LIST FOR FIELD TRIP PLANNING, AND SAMPLE PERMISSION SLIP. (MJB)

AVAILABILITY: THE DONALDSONS, BOX 203, OREGON, ILL. 61061 ($0.50; MAIL ORDERS $0.75)

ACCESSION NUMBER: ED052029

PUBLICATION DATE: JAN 71

TITLE: OUTDOOR EDUCATION, CAMP CASEY.

PERSONAL AUTHOR: STANSBERRY, STEVE; AND OTHERS

DESCRIPTOR: *CURRICULUM GUIDES; FUNDAMENTAL CONCEPTS; *GRADE 5; INSTRUCTION; *LEARNING ACTIVITIES; NATURAL RESOURCES; *OUTDOOR EDUCATION; TEACHING GUIDES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 163P.

A CURRICULUM GUIDE FOR THE CAMP CASEY OUTDOOR EDUCATION PROGRAM IS CONTAINED IN THIS DOCUMENT. DESIGNED FOR FIFTH GRADE STUDENTS AND TEACHERS IN NORTHSHORE SCHOOL DISTRICT, BOTHELL, WASHINGTON, IT EMPHASIZES LEARNING ACTIVITIES FOR USE IN THE OUTDOORS. GENERAL UNDERSTANDINGS RELEVANT TO THE OBJECTIVES OF THE PROGRAM FORM THE FRAME INTO WHICH THE ACTIVITIES ARE PLACED. MOST ACTIVITIES ARE APPROPRIATE FOR USE IN SCHOOL OR COMMUNITY LOCALES AND CAN SERVE AS PREPARATION FOR EXPERIENCES AT A CAMPSITE. SECTION I ENUMERATES ITEMS TO CONSIDER IN PREPARING THE STUDENT FOR A CAMPING/OUTDOOR EDUCATION SITUATION. REMAINING SECTIONS DEAL WITH STUDY UNITS IN GEOLOGY, HISTORY AND SOCIAL STUDIES, SURVIVAL AND SIMPLE OUTDOOR NAVIGATION, SALTWATER ECOLOGY, AND PLANTS AND ANIMALS ABOVE THE TIDAL ZONE. INDIVIDUAL UNITS PRESENT SEVERAL GENERAL UNDERSTANDINGS EACH WITH SPECIALIZED BACKGROUND INFORMATION AND SUGGESTED ACTIVITIES. STUDENT WORKSHEETS, DIAGRAMS, VOCABULARY LISTS, REFERENCE LISTS, AND TEACHING AIDS COMPLETE THE GUIDE. (BL)

ACCESSION NUMBER: ED052875

PUBLICATION DATE: 68

TITLE: A YEAR-ROUND CAMPING AND OUTDOOR EDUCATION CENTER FOR THE MENTALLY RETARDED IN THE NORTHERN LOCALITY OF THE UNITED STATES.

PERSONAL AUTHOR: ENDRES, RICHARD W.

DESCRIPTOR: EVALUATION TECHNIQUES; *FEASIBILITY STUDIES; *MENTALLY HANDICAPPED; *METHODS; *OUTDOOR EDUCATION; *PROGRAM DEVELOPMENT; PROGRAMS

IDENTIFIER: NORTHERN STATES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 48P.

ESTABLISHING THE FEASIBILITY OF YEAR-ROUND CAMPING AND OUTDOOR EDUCATION PROGRAMS FOR THE MENTALLY RETARDED WITHIN THE NORTHERN UNITED STATES (ABOVE THE 40 DEGREE PARALLEL), THIS STUDY EXAMINES THE LITERATURE, THE PROPOSED PROGRAM, AND EVALUATION METHODOLOGY. IT IS CONCLUDED THAT (1) OUTDOOR EDUCATION PROGRAMS REQUIRE THE COOPERATION OF BOTH PROFESSIONAL AND VOLUNTARY NATIONAL, STATE, AND LOCAL AGENCIES; (2) OUTDOOR EXPERIENCES ARE IMPORTANT COMPONENTS IN THE "GROWING UP" PROCESS; (3) OUTDOOR EDUCATION PROGRAMS PROVIDE ONE OF THE FEW AREAS IN WHICH IT IS STILL POSSIBLE TO GAIN FIRSTHAND INFORMATION--A "LEARNING BY DOING" PROCESS; (4) BOTH INFORMAL AND FORMAL CLASSES ARE NECESSARY; (5) AMPLE RESOURCE MATERIAL IS AVAILABLE; AND (6) BECAUSE OF THE INFORMAL METHOD OF CONDUCTING OUTDOOR EDUCATION CLASSES, EACH STUDENT MAY PROGRESS AT HIS OWN RATE. AMONG THE RECOMMENDATIONS ARE THAT (1) PROGRAMS UTILIZE NATURAL LOCAL FACILITIES FULLY AND MAINTAIN CONTENT RELATIONSHIPS BETWEEN FORMAL AND INFORMAL SETTINGS; (2) PROGRAM INNOVATION IS ESSENTIAL; (3) TRADITIONAL INSTITUTIONAL ATMOSPHERES BE REMOVED; AND (4) PROGRAMS INTEGRATE THE MENTALLY RETARDED WITH OTHER MEMBERS OF SOCIETY LIVING WITHIN THE COMMUNITY. THE DOCUMENT ALSO PROVIDES A LIST OF THE STATES CONSIDERED AND THEIR FEDERAL, STATE, AND LOCAL ORGANIZATIONS AND AGENCIES ACTIVELY INVOLVED IN OUTDOOR EDUCATION, A LIST OF RESIDENTIAL CAMPING PROGRAMS FOR THE MENTALLY RETARDED (163), A LIST OF RESOURCE MATERIALS, AND AN 18-ITEM BIBLIOGRAPHY. (MJB)

ACCESSION NUMBER: ED053345

PUBLICATION DATE: 71

TITLE: CAMP COUNSELOR INFLUENCE OF THE 4-H JUNIOR CAMP NATURE STUDY PROGRAMS AT CAMP OHIO.

PERSONAL AUTHOR: HOTHEM, PAUL R.

DESCRIPTOR: *CAMP COUNSELORS; *CAMPING; *COUNSELOR ATTITUDES; *OUTDOOR EDUCATION; *QUESTIONNAIRES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 6P.; ABSTRACT OF A FIELD STUDY

THE AMOUNT OF INTEREST CAMP COUNSELORS HAVE IN NATURE STUDY AND THE DEGREE TO WHICH COUNSELORS MIGHT BE RESPONSIBLE FOR THE LACK OF ENTHUSIASM ON THE PART OF THE CAMPERS WERE STUDIED. EACH COUNSELOR FROM 11 JUNIOR 4-H CAMPS HELD AT CAMP OHIO DURING 1970 COMPLETED A QUESTIONNAIRE DURING THE LAST 24-HOUR PERIOD OF HIS (HER) RESPECTIVE CAMP. IT WAS FOUND THAT THE ATTITUDE AND INTERESTS OF COUNSELORS WERE KEYS TO THE SUCCESS OF ANY 4-H CAMPING PROGRAM. IT WAS CONCLUDED THAT THE MOST BASIC NEEDS FOR AN INCREASED INTEREST IN NATURE STUDY BY JUNIOR CAMPERS WERE GREATER INTEREST IN NATURE PROGRAMS BY COUNSELORS AND AGENT-DIRECTORS, AND TRAINING OF COUNSELORS. (CK)

ACCESSION NUMBER: ED053488

PUBLICATION DATE: 70

TITLE: PROJECT HIGHER GROUND, ESEA TITLE I EVALUATION REPORT, FY 1969-1970.

DESCRIPTOR: ACHIEVEMENT GAINS; *COMPENSATORY EDUCATION; *DISADVANTAGED YOUTH; ELEMENTARY SCHOOLS; *FEDERAL PROGRAMS; KINDERGARTEN CHILDREN; NUTRITION; OUTDOOR EDUCATION; *PROGRAM EVALUATION; READING DEVELOPMENT; READING IMPROVEMENT; READING READINESS TESTS; SCHOOL HEALTH SERVICES

IDENTIFIER: *ELEMENTARY SECONDARY EDUCATION ACT TITLE I; ESEA TITLE I; NASHVILLE; TENNESSEE

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 61P.

THIS REPORT EVALUATES HIGHER GROUND, AN ESEA TITLE I PROJECT CONDUCTED IN AND BY THE METROPOLITAN PUBLIC SCHOOLS OF NASHVILLE, TENNESSEE. THE PROJECT FOCUSED ON FIVE ACTIVITY AREAS: READING IMPROVEMENT PROGRAMS, KINDERGARTEN PROGRAMS FOR 5-YEAR-OLDS, HEALTH AND NUTRITION SERVICES, OUTDOOR EDUCATION, AND MULTIDISCIPLINARY TEAM INTERVENTION. INFORMATION ABOUT THE INDIVIDUAL COSTS OF THESE ACTIVITIES AS WELL AS BRIEF COMMENTARIES AND COST FIGURES FOR EIGHT ADDITIONAL ACTIVITY AREAS ARE ALSO DOCUMENTED. A SUMMARY OF PROJECT ACTIVITIES AND CONCLUSIONS ABOUT THE EFFECTIVENESS OF THE PROGRAMS ARE INCLUDED. RELATED DOCUMENTS ARE EA 003 692 AND EA 003 720. (JF/EA)

ACCESSION NUMBER: ED053936

PUBLICATION DATE: AUG 70

TITLE: NATIONAL CONSERVATION EDUCATION ASSOCIATION CONFERENCE REPORT (17TH, LAFAYETTE, LOUISIANA, AUGUST 16-20, 1970).

PERSONAL AUTHOR: WARREN, GENE, JR., ED.

DESCRIPTOR: *CONFERENCE REPORTS; *CONSERVATION EDUCATION; CURRICULUM DEVELOPMENT; *EDUCATIONAL DEVELOPMENT; EDUCATIONAL PROGRAMS; ENVIRONMENTAL EDUCATION; *GUIDELINES; OUTDOOR EDUCATION

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 40P.

PROCEEDINGS OF THE 1970 CONSERVATION EDUCATION ASSOCIATION CONFERENCE, HELD AT THE UNIVERSITY OF SOUTHWESTERN LOUISIANA, LAFAYETTE, LOUISIANA, ARE REPORTED. THE THEME OF THE CONFERENCE WAS CONSERVATION EDUCATION FOR QUALITY LIVING. SUMMARIES FOR EACH OF THE TOPICS DISCUSSED FORM THE MAIN CONTENT OF THE REPORT: SUGGESTIONS FOR DEVELOPING CURRICULUM MATERIALS IN CONSERVATION EDUCATION; DEFINITION - CONSERVATION EDUCATION, ENVIRONMENTAL EDUCATION, OUTDOOR EDUCATION; INTEGRATING CONSERVATION EDUCATION INTO THE CURRICULUM; ORGANIZATION AND RESPONSIBILITIES OF STATE DEPARTMENTS OF EDUCATION IN CONSERVATION EDUCATION; CONSERVATION EDUCATION IN URBAN AREAS; GUIDELINES AND FUNCTIONS OF STATE ADVISORY COUNCILS; THE ROLE OF CONSERVATION EDUCATION IN ADULT GROUPS; UTILIZING THE OUTDOOR SCHOOL SITE; GUIDELINES FOR PRE-SERVICE AND IN-SERVICE TEACHER EDUCATION IN CONSERVATION; THE ROLE OF YOUTH GROUPS IN CONSERVATION EDUCATION; THE ROLE OF INDUSTRY IN CONSERVATION EDUCATION; AND COMMUNITY ACTION PROGRAMS IN PROMOTING CONSERVATION EDUCATION. ALSO INCLUDED ARE THE PROGRAM AGENDA, SUMMARY OF THE POST-CONFERENCE TOUR, AND A FINANCIAL REPORT OF THE ASSOCIATION. (BL)

ACCESSION NUMBER: ED054263

PUBLICATION DATE: 71

TITLE: CAMPING OPPORTUNITIES FOR DISADVANTAGED YOUTH: A PLANNING AND COORDINATING GUIDE.

PERSONAL AUTHOR: RICHARDS, CATHARINE V.

DESCRIPTOR: CAMP COUNSELORS; *CAMPING; *DISADVANTAGED YOUTH; OUTDOOR EDUCATION; RECREATION; RECREATIONAL ACTIVITIES; RECRUITMENT; *RESIDENT CAMP PROGRAMS; *SUMMER PROGRAMS; YOUTH EMPLOYMENT; YOUTH PROGRAMS

IDENTIFIER: PRESIDENTS COUNCIL ON YOUTH OPPORTUNITY

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 84P.

ALTHOUGH CAMPS HAVE MADE OPPORTUNITIES INCREASINGLY AVAILABLE TO YOUTH OF POVERTY AREAS, LITTLE WAS REPORTED ABOUT HOW SUCCESSFUL THEIR PROGRAMS WERE. IN ADDITION, THERE PERSISTED AN UNEASINESS THAT THE NUMBERS OF CHILDREN AND YOUTH OF POVERTY AREAS INCLUDED IN CAMPING PROGRAMS WERE NOT PROPORTIONATE TO THE NEED. LOCAL AND NATIONAL STUDIES WERE UNDERTAKEN TO SURVEY THE CAMPING SCENE AND TO REPORT FINDINGS OF CAMPING OPPORTUNITY PROJECTS. THIS GUIDE TO COMMUNITY PLANNING, ORGANIZING AND COORDINATING OF CAMPING OPPORTUNITIES FOR DISADVANTAGED YOUTH IS BASED ON DATA FROM MANY SUCH SOURCES, PRINCIPALLY THE NATIONAL CAMPING SURVEY FOR DISADVANTAGED YOUTH COMPLETED IN JANUARY 1969 UNDER THE DIRECTION OF THE CENTER FOR RESEARCH IN OUTDOOR RECREATION OF INDIANA UNIVERSITY. THIS UNPUBLISHED SURVEY INVOLVED THE BATTELLE MEMORIAL INSTITUTE, THE AMERICAN CAMPING ASSOCIATION, INC., AND THE NATIONAL RECREATION AND PARK ASSOCIATION IN A DETAILED STUDY OF EIGHT SELECTED CAMPS. GENERALIZATIONS ARE DRAWN FROM THE EXPERIENCES OF THESE CAMPS AND OTHERS. BY FOLLOWING THE GENERAL PLAN OF ACTION OUTLINED HEREIN FOR YOUTH COORDINATORS, ANY LOCAL OFFICIALS MAY TAP THEIR COMMUNITY RESOURCES TO PROVIDE YEAR-ROUND CAMPING OPPORTUNITIES FOR YOUNG PEOPLE DISADVANTAGED BY POVERTY. IN COMMUNITIES WHERE THERE ARE NO YOUTH COORDINATORS, LEADERSHIP MAY BE PROVIDED BY AN EXISTING COMMUNITY ORGANIZATION OR A SPECIAL COMMITTEE APPOINTED BY THE MAYOR. APPENDED IN THE MANUAL ARE LISTS OF FEDERAL, STATE, AND UNIVERSITY OFFICIALS WHO MIGHT BE ABLE TO PROVIDE SOME ASSISTANCE. (AUTHOR/JW)

AVAILABILITY: SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 ($0.75)

ACCESSION NUMBER: ED054910

PUBLICATION DATE: 65

TITLE: THE ROLE OF OUTDOOR EDUCATION.

PERSONAL AUTHOR: GABRIELSEN, M. ALEXANDER; HOLTZER, CHARLES

DESCRIPTOR: *ACTIVITIES; *CONSERVATION EDUCATION; *CURRICULUM DEVELOPMENT; LEADERSHIP TRAINING; *OUTDOOR EDUCATION; *PROGRAM DEVELOPMENT; PROGRAMS; PROJECTS; RESOURCES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 117P.

WRITTEN TO ASSIST THOSE RESPONSIBLE FOR SCHOOL PROGRAMS IN OUTDOOR EDUCATION, THIS BOOK CONCERNS ITSELF WITH CURRICULUM, RESOURCES, LEADERSHIP, AND ACTIVITIES AND PROJECTS IN OUTDOOR EDUCATION. RELYING ON CURRENT THEORIES AND PRACTICES, THIS WORK SUGGESTS AREAS IN WHICH RESEARCH AND TESTING NEED TO BE DONE. MAJOR DIVISIONS OF THE BOOK ARE OUTDOOR EDUCATION AND AMERICAN EDUCATION, THE NATURE OF OUTDOOR EDUCATION PROGRAMS, OUTDOOR EDUCATION AND THE SCHOOL CURRICULUM, RESOURCES FOR OUTDOOR EDUCATION, PREPARING LEADERSHIP FOR OUTDOOR EDUCATION, INITIATING AN OUTDOOR EDUCATION PROGRAM, OUTDOOR EDUCATION ACTIVITIES AND PROJECTS, BIBLIOGRAPHY (81 REFERENCES), AN APPENDIX (SOURCES OF INFORMATION: FEDERAL AGENCIES, STATE AGENCIES, AND PRIVATE ORGANIZATIONS), AND A SUBJECT INDEX. (MJB)

AVAILABILITY: CENTER FOR APPLIED RESEARCH IN EDUCATION, INC., 70 FIFTH AVENUE, NEW YORK, NEW YORK 10011 ($3.95)

ACCESSION NUMBER: ED055690

PUBLICATION DATE: 69

TITLE: A TEACHER'S HANDBOOK FOR STUDY OUTSIDE THE CLASSROOM.

PERSONAL AUTHOR: BREHM, SHIRLEY A.

DESCRIPTOR: *COMMUNITY RESOURCES; EVALUATION; FIELD TRIPS; HUMAN RESOURCES; *LEARNING ACTIVITIES; NATURAL RESOURCES; *OUTDOOR EDUCATION; PARENT PARTICIPATION; *PROGRAM PLANNING; STUDENT TRANSPORTATION; *TEACHING GUIDES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 100P.

THE MANY RESOURCES FOR LEARNING THAT EXIST BEYOND THE CONFINES OF THE CLASSROOM PROVIDE OUTSTANDING OPPORTUNITIES TO EXTEND LEARNING FOR STUDENTS. THE MAJOR PURPOSE OF THIS BOOK IS TO HELP TEACHERS USE THESE RESOURCES. THE BOOK IS NOT A SERIES OF RECIPES FOR TAKING FIELD TRIPS BUT IS AN AID TO PLANNING. FOR A TEACHER INEXPERIENCED IN THE POSSIBILITIES FOR MEANINGFUL LEARNING OUTSIDE THE CLASSROOM, THE BOOK SPELLS OUT STEPS TO MAKE THIS LEARNING MOST WORTHWHILE. FOR THE EXPERIENCED TEACHER, THE BOOK AFFORDS A CHECKLIST OF PREPARATIONS AND FOLLOW-UP ACTIVITIES ESSENTIAL TO INTEGRATED, CONTINUOUS PLANNING FOR GOOD TEACHING. CHAPTER TITLES INCLUDE "TYPES OF INVESTIGATIONS OUTSIDE THE CLASSROOM," "PLANNING OUT-OF-CLASSROOM TEACHING," "TRANSPORTATION FOR THE FIELD TRIP," "PERMISSIONS AND PRECAUTIONS," AND "THE CONTRIBUTION OF RESOURCE PERSONNEL." POSSIBLE SITES FOR FIELD TRIPS AND THE MAJOR EDUCATIONAL CONCEPTS ASSOCIATED WITH EACH ARE LISTED. CLASSROOM FOLLOW-UP AND EVALUATION OF OUT-OF-CLASS STUDY ARE EMPHASIZED. (JH)

AVAILABILITY: CHARLES E. MERRILL PUBLISHING COMPANY, 1300 ALUM CREEK DRIVE, COLUMBUS, OHIO 43216 ($1.95 PLUS SHIPPING)

70

ACCESSION NUMBER: ED055693

PUBLICATION DATE: 70

TITLE: EVALUATION OF THE CAMP PROJECT FOR SEVENTH, EIGHTH, AND NINTH GRADE PUPILS. RESEARCH AND DEVELOPMENT REPORT, VOL. IV, NO. 9, SUMMER 1970.

PERSONAL AUTHOR: NOWICKI, STEPHEN, JR.; BARNES, JARVIS

DESCRIPTOR: ANALYSIS OF VARIANCE; CAMPING; CAUCASIAN STUDENTS; *DISADVANTAGED YOUTH; FEDERAL PROGRAMS; INSTRUCTIONAL STAFF; *JUNIOR HIGH SCHOOL STUDENTS; *NEGRO YOUTH; *OUTDOOR EDUCATION; PROGRAM COSTS; PROGRAM EVALUATION; QUESTIONNAIRES; RECREATIONAL ACTIVITIES; RESEARCH DESIGN; SELF CONCEPT; STATISTICAL DATA; *SUMMER PROGRAMS; URBAN YOUTH

IDENTIFIER: ATLANTA; GEORGIA

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 36P.

IN SUMMER OF 1970, THE ATLANTA PUBLIC SCHOOLS RECEIVED FUNDS FOR A CAMP PROJECT INVOLVING 380 JUNIOR HIGH PUPILS, 95% NEGROES AND 5% CAUCASIANS. OBJECTIVES INCLUDED PROVIDING THE OPPORTUNITY FOR PUPILS TO ASSUME RESPONSIBILITY, DEVELOP SELF-RELIANCE, AND THEREBY INCREASE SELF-RESPECT; TEACHING THE SKILLS INVOLVED IN OUTDOOR RECREATION; TEACHING THE IMPORTANCE OF, AND APPRECIATION FOR, NATURAL RESOURCES THROUGH REALISTIC PROJECTS; TEACHING ELEMENTS OF DEMOCRATIC LIVING THROUGH GROUP LIVING, PLANNING, AND SHARING; AND INTEGRATING OUTDOOR EXPERIENCES WITH THE REGULAR SCHOOL CURRICULUM. THE PROJECT PROVIDED 5 1/2 DAYS OF OUTDOOR EDUCATION AND CAMPING EXPERIENCE, WITH A SCHEDULE ORGANIZED AROUND SUCH ACTIVITIES AS CAMP CRAFT, FISHING, SWIMMING, CONSERVATION CLASSES, AND NATURE STUDY. PUPILS WERE TESTED USING THE NOWICKI-STRICKLAND LOCUS OF CONTROL SCALE ON THE FIRST DAY AND A REVISED MODEL ON THE LAST DAY. STATISTICAL RESULTS INDICATED, FOR EXAMPLE, THAT THE CAMPING EXPERIENCE MADE THE YOUNGSTERS FEEL MORE IN CONTROL OF EVENTS AFFECTING THEM AND MORE CONFIDENT IN THEMSELVES; THAT PUPILS LEARNED MORE THAN THEY HAD ANTICIPATED; THAT THEY MADE MORE FRIENDS THAN THEY HAD ANTICIPATED; AND THAT THE NOWICKI-STRICKLAND MEASURE IS VALID FOR A PREDOMINATELY BLACK POPULATION. RECOMMENDATIONS INCLUDED CONTINUATION OF THE PROGRAM; OPERATION OF THE CAMP PROGRAM INDEPENDENTLY RATHER THAN SHARING THE CAMP SITE; INCLUSION OF CHILDREN OF DIFFERENT SOCIOECONOMIC LEVELS; AND FOLLOW-UP TO ASCERTAIN WHAT EFFECTS THE EXPERIENCE MAY HAVE HAD ON SCHOOL PERFORMANCE. (JB)

ACCESSION NUMBER: ED055694

PUBLICATION DATE: 71

TITLE: CAMPING: ADMINISTRATION, COUNSELING, PROGRAMMING.

PERSONAL AUTHOR: SHIVERS, JAY S.

DESCRIPTOR: ACTIVITIES; *ADMINISTRATION; *CAMP COUNSELORS; COUNSELORS; LEGAL RESPONSIBILITY; NATURAL SCIENCES; ORGANIZATION; *OUTDOOR EDUCATION; *PHILOSOPHY; *PROGRAM PLANNING

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 446P.

WITHIN THE CLASSICAL FRAMEWORK OF THE CAMP COUNSELOR'S ROLE, THIS 446-PAGE BOOK DISCUSSES THE DETAILS OF EVERYDAY CAMP LIFE AND THE DYNAMICS OF THE COUNSELOR'S ROLE, AS WELL AS PROVIDING A PHILOSOPHICAL FRAME OF REFERENCE FOR THE VALUES OF OUTDOOR EDUCATION AND OF ECOLOGY. BEGINNING WITH A HISTORY OF ORGANIZED CAMPING IN THE UNITED STATES, PART I EXPLORES THE PROBLEMS OF CAMP ADMINISTRATION, OPERATION, AND DEVELOPMENT--ALL BASED ON ACCOUNTABILITY, LEGAL REQUIREMENTS, AND BASIC PHILOSOPHY. PART II DEALS WITH THE COUNSELOR'S ROLE IN CAMP REFLECTED THROUGH THE DYNAMICS OF GROUP LIVING, CAMPER BEHAVIOR PROBLEMS, PEER RELATIONSHIPS, AND THE COUNSELOR'S QUALIFICATIONS, OBLIGATIONS, AND CONDUCT. PART III USES THE NATURAL SCIENCES AS A POINT OF DEPARTURE FOR OUTDOOR CAMP ACTIVITIES AND DELVES INTO SURVIVAL TECHNIQUES, EXPLORATION, NATURE STUDY, CAMPCRAFTS, AND CAMPFIRE ACTIVITIES. INCLUDED ARE APPENDIX A (PROPER FOODS), APPENDIX B (A CHILD PERMISSION FORM AND A COUNSELOR EMPLOYMENT CONTRACT), A LIST OF 106 SELECTED REFERENCES, A LIST OF 41 FILMS AND FILMSTRIPS, AND A SUBJECT INDEX. (MJB)

AVAILABILITY: APPLETON-CENTURY-CROFTS/NEW CENTURY, EDUCATIONAL DIVISION, MEREDITH CORPORATION, 440 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10016 ($9.45 PLUS HANDLING)

ACCESSION NUMBER: ED055701

PUBLICATION DATE: 71

TITLE: PARENTS' PERCEPTIONS OF RESIDENT OUTDOOR EDUCATION, ROCKFORD OUTDOOR SCHOOL AND TAFT CAMPUS, ILLINOIS: A COMPARISON. TAFT CAMPUS OCCASIONAL PAPER NO. 4.

PERSONAL AUTHOR: JONES, ORVILLE E.; SWAN, MALCOLM D., JR.

DESCRIPTOR: *ATTITUDES; ECOLOGY; FINANCIAL SUPPORT; LITERATURE REVIEWS; OPINIONS; *OUTDOOR EDUCATION; *PARENT ATTITUDES; PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; *PROGRAM EVALUATION; RECREATIONAL ACTIVITIES; *RESIDENT CAMP PROGRAMS; VALUES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 78P.

EVALUATING 566 OPINIONNAIRES OF THE 1,400 DISTRIBUTED TO PARENTS WHOSE CHILDREN HAD PARTICIPATED IN PROGRAMS AT 1 OF 2 RESIDENT OUTDOOR EDUCATION CENTERS IN NORTHERN ILLINOIS--THE ROCKFORD OUTDOOR SCHOOL AND THE LORADO TAFT FIELD CAMPUS--THIS STUDY SOUGHT (1) TO DETERMINE WHAT PARENTS PERCEIVE TO BE THE VALUES AND OUTCOMES OF THE RESIDENT OUTDOOR EDUCATION PROGRAM; (2) TO LEARN WHETHER PARENTS ENDORSE CONTINUATION OF THE RESIDENT PROGRAM; (3) TO ASCERTAIN WHO PARENTS THINK SHOULD ASSUME FINANCIAL RESPONSIBILITY FOR SELECTED ASPECTS OF THE RESIDENT PROGRAM; AND (4) TO PROVIDE PARENTS AN OPPORTUNITY TO MAKE SUGGESTIONS TO IMPROVE THE PROGRAM OF RESIDENT OUTDOOR EDUCATION. IN THE SURVEY, VALIDITY AND RELIABILITY OF THE PARENTAL PERCEPTIONS, OPINIONS, AND ATTITUDES WERE NOT SOUGHT; HOWEVER, IT WAS FELT THAT THE PARENTS' RESPONSES WERE IMPORTANT IN DETERMINING WHETHER THE PROGRAMS WERE TO RECEIVE PUBLIC SUPPORT OR PUBLIC CONDEMNATION. THIRTEEN CONCLUSIONS, 10 RECOMMENDATIONS, AND 2 APPENDIXES SHOWING PARENTS' COMMENTS AND SUGGESTIONS ARE INCLUDED, ALONG WITH 10 TABLES. (MJB)

AVAILABILITY: LORADO TAFT FIELD CAMPUS, BOX 299, OREGON, ILLINOIS 61061

ACCESSION NUMBER: ED055702

PUBLICATION DATE: AUG 71

TITLE: OUTDOOR EDUCATION, A SELECTED BIBLIOGRAPHY. SUPPLEMENT NO. 1.

PERSONAL AUTHOR: ALTUS, DAVID M., COMP.

DESCRIPTOR: ABSTRACTS; *BIBLIOGRAPHIES; *CONSERVATION EDUCATION; *ECOLOGY; EDUCATIONAL RESEARCH; INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; *RECREATION

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$9.87

DESCRIPTIVE NOTE: 264P.

SOME 125 DOCUMENTS AND 217 JOURNAL ARTICLES PUBLISHED BETWEEN 1960 AND 1970 ARE CITED IN THIS BIBLIOGRAPHY ON OUTDOOR EDUCATION. PART I CONTAINS CITATIONS AND ABSTRACTS WHICH HAVE APPEARED IN "RESEARCH IN EDUCATION" FROM JANUARY 1970 THROUGH JULY 1971. PART II INCLUDES CITATIONS OF JOURNAL ARTICLES FROM "CURRENT INDEX TO JOURNALS IN EDUCATION" FROM THE FIRST ISSUE IN JANUARY 1969 THROUGH THE JULY 1971 ISSUE. IN ADDITION TO OUTDOOR EDUCATION, THE AREAS OF CONSERVATION EDUCATION, RECREATION, AND ECOLOGY ARE REPRESENTED IN THIS PUBLICATION. TYPES OF MATERIALS CITED INCLUDE RESEARCH REPORTS, DESCRIPTIONS OF PROGRAMS, AND MATERIALS FOR INSTRUCTIONAL USE. AN INDEX OF SUBJECT TERMS FACILITATES LOCATION OF DOCUMENTS IN A SPECIFIC SUBJECT AREA. ORDERING INFORMATION FOR ERIC MATERIALS IS PRESENTED. THIS BIBLIOGRAPHY IS THE FIRST IN A SERIES OF PLANNED SUPPLEMENTS TO ED 037 285. (JH)

AVAILABILITY: SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NO. 1780-0832, $2.00)

ACCESSION NUMBER: ED055712

PUBLICATION DATE: 70

TITLE: TIPS AND TRICKS IN OUTDOOR EDUCATION. APPROACHES TO PROVIDING CHILDREN WITH EDUCATIONAL EXPERIENCES IN THE OUT-OF-DOORS.

PERSONAL AUTHOR: SWAN, MALCOLM D., ED.

DESCRIPTOR: COMMUNITY RESOURCES; *CONSERVATION EDUCATION; CREATIVE EXPRESSION; ECOLOGY; *FIELD TRIPS; INSTRUCTIONAL TRIPS; LEARNING ACTIVITIES; MAP SKILLS; MEASUREMENT; *OUTDOOR EDUCATION; RECREATION; *SCIENCE EDUCATION; *TEACHING GUIDES; TRAILS

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 184P.

A REVISION OF THE LORADO TAFT FIELD CAMPUS' 1968 "INSTRUCTIONAL MATERIALS PACKET" ON PROVIDING CHILDREN WITH EDUCATIONAL EXPERIENCES OUTSIDE THE CLASSROOM, THIS BOOK CONTAINS MATERIALS, TIPS, WORKSHEETS, AND PLANS FOR OFFERING STUDENTS AN OPPORTUNITY FOR SUPPLEMENTARY OUTDOOR EXPERIENCES IN A VARIETY OF SUBJECT-MATTER AREAS: ANIMAL STUDIES, CREATIVE EXPRESSION, ECOLOGY, GEOLOGY AND SOILS, MAGNETIC COMPASSES, MEASUREMENT AND MAPPING, NATURE ARTS AND CRAFTS, PLANTS, OUTDOOR RECREATION, WATER, AND WEATHER. THE BOOK ALSO INCLUDES TIPS ON PLANNING AND CONDUCTING FIELD EXPERIENCES AND FOLLOW-UP ACTIVITIES. (BO)

AVAILABILITY: THE INTERSTATE PRINTERS & PUBLISHERS, INC., DANVILLE, ILLINOIS 61832 ($3.95)

ACCESSION NUMBER: ED055720

PUBLICATION DATE: 11 JUL 68

TITLE: RESIDENT OUTDOOR EDUCATION: AN EXPERIMENTAL VENTURE.

DESCRIPTOR: *ACTIVITY LEARNING; *EDUCATIONAL PLANNING; *GRADE 5; *OUTDOOR EDUCATION; PARENT TEACHER COOPERATION; PROGRAM EVALUATION; *RESIDENT CAMP PROGRAMS; SOCIAL RESPONSIBILITY; STUDENT OPINION; STUDENT TEACHER RELATIONSHIP

IDENTIFIER: OHIO

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 50P.

THE DOCUMENT DISCUSSES A 5-DAY OUTDOOR EDUCATION PROGRAM HELD IN THE SPRING OF 1968 FOR 31 FIFTH GRADERS FROM PRAIRIE LINCOLN ELEMENTARY SCHOOL, GROVE CITY, OHIO; SITE OF THE SELF-SUPPORTING RESIDENT EXPERIENCE ($23 ESTIMATED COST PER STUDENT) WAS THE COLUMBUS PRESBYTERY CAMP, LANCASTER, OHIO. AS REPORTED, THE PRIMARY PURPOSE OF THE OUTDOOR EXPERIENCE WAS TO DEVELOP SOCIAL RESPONSIBILITY FOR PLANNING WHEREIN THE STUDENTS AND THEIR TEACHER COOPERATIVELY PRE-PLANNED LANGUAGE ARTS, MATHEMATICS, SOCIAL STUDIES, SCIENCE, HEALTH, PHYSICAL EDUCATION, AND ART ACTIVITIES. THE CHRONOLOGICAL PLANNING SUMMARY OFFERED IN THE DOCUMENT IS SUPPLEMENTED BY AN ACTIVITIES SCHEDULE, FOLLOW-UP ACTIVITIES SUCH AS STUDENT LOGS AND STUDENT WRITINGS, CHILDREN'S EVALUATIONS, A PARENTS' QUESTIONNAIRE SUMMARY, TEACHERS' EVALUATIONS, AND THE OUTDOOR EDUCATION SUPERVISOR'S EVALUATION WHICH NOTED THAT, AS A FIRST TRY, THIS EXPERIENCE WAS "A SUCCESS IN EVERY RESPECT" AND THAT FUTURE VENTURES SHOULD WORK TO REDUCE THE PRESSURES, SLOW DOWN THE PACE, AND GAIN CONSISTENCY IN LEADERSHIP BY DEVELOPING IN THE HELPING TEACHERS A BETTER UNDERSTANDING OF WHAT IS TO BE ACCOMPLISHED. THE 12-PAGE APPENDIX TO THE DOCUMENT INCLUDES THE PARENT INFORMATION HANDOUT AND PERMISSION SLIP, A BEDDING AND CLOTHING LIST, A HEALTH INFORMATION SHEET, A LIST OF COOK-OUT SUPPLIES AND THE MENU, AND AN EQUIPMENT LIST. (JB)

ACCESSION NUMBER: ED055721

PUBLICATION DATE: 70

TITLE: THE CRYSTAL LAKE OUTDOOR EDUCATION STORY.

PERSONAL AUTHOR: DONALDSON, GEORGE W.

DESCRIPTOR: COMMUNITY AGENCIES (PUBLIC); EDUCATIONAL LEGISLATION; *EDUCATIONAL PROGRAMS; *ELEMENTARY SCHOOL STUDENTS; FEDERAL AID; INSERVICE EDUCATION; *OUTDOOR EDUCATION; *PROGRAM ADMINISTRATION; *SCHOOL COMMUNITY RELATIONSHIP

IDENTIFIER: ILLINOIS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 10P.

A 3-YEAR SCHOOL-COMMUNITY OUTDOOR EDUCATION PROGRAM IN THE ELEMENTARY SCHOOL DISTRICT IN CRYSTAL LAKE, ILLINOIS, WAS FUNDED IN 1967 UNDER TITLE III OF THE ELEMENTARY AND SECONDARY EDUCATION ACT. SUCCESS OF THE PROJECT WAS SUCH THAT THE BOARD OF EDUCATION AGREED TO FUND THE PROGRAM LOCALLY AND ENLARGE ITS SCOPE. AS REPORTED, THE KEYNOTES WERE INNOVATIVE AND EXEMPLARY EDUCATIONAL PRACTICES, NOTABLY IN ORGANIZATION AND ADMINISTRATION. SUCH PRACTICES INCLUDED THE FOLLOWING: THE PROJECT (1) WAS CARRIED ON BY 2 AGENCIES OF THE LOCAL GOVERNMENT--THE SCHOOL DISTRICT AND THE CRYSTAL LAKE PARK DISTRICT; (2) WAS A MULTI-DISTRICT PROGRAM AND A SCHOOL-COMMUNITY EFFORT; (3) WAS PROFESSIONALLY PLANNED AND DIRECTED AND HAS PRODUCED SEVERAL PROFESSIONAL PUBLICATIONS; (4) WAS ACCOMPANIED BY IN-SERVICE EDUCATION ACTIVITIES SUCH AS WORKSHOPS, INSTITUTES, AND CONFERENCES; (5) WAS UNIVERSITY-RELATED (NORTHERN ILLINOIS UNIVERSITY); AND (6) HAS EXPERIENCED STEADY GROWTH, HAVING APPROXIMATELY 9,000 CHILD-DAYS OF PARTICIPATION IN 1967-68 AND 14,000 IN 1969-70. (JB)

ACCESSION NUMBER: ED055723

PUBLICATION DATE: MAR 71

TITLE: SELECTED OUTDOOR RECREATION STATISTICS.

DESCRIPTOR: BUREAUCRACY; EMPLOYMENT; FEDERAL LEGISLATION; FINANCIAL SUPPORT; OUTDOOR EDUCATION; PLANNING; *PROGRAMS; *RECREATION; RECREATIONAL ACTIVITIES; RESOURCES; *SERVICES; STATE AGENCIES; STATE FEDERAL AID; STATE RECREATION LEGISLATION; *SURVEYS; *TABLES (DATA)

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 144P.

IN THIS RECREATIONAL INFORMATION REPORT, 96 TABLES ARE COMPILED FROM BUREAU OF OUTDOOR RECREATION PROGRAMS AND SURVEYS, OTHER GOVERNMENTAL AGENCIES, AND PRIVATE SOURCES. EIGHT SECTIONS COMPRISE THE DOCUMENT: (1) THE BUREAU OF OUTDOOR RECREATION, (2) FEDERAL ASSISTANCE TO RECREATION, (3) RECREATION SURVEYS FOR PLANNING, (4) SELECTED STATISTICS OF FEDERAL AND STATE AGENCIES, (5) GOVERNMENTAL FINANCES AND EMPLOYMENT, (6) RECREATION EXPENDITURES AND PRICES, AND PRIVATE PRODUCTION AND SERVICES, (7) DETAILED STATISTICS FOR SPECIFIC ACTIVITIES (GOLF, HUNTING, AND FISHING), AND (8) SPECIAL STUDIES OF RECREATION RESOURCES. EACH SECTION CONTAINS TABLES OF DATA PRECEDED BY AN INTRODUCTION PROVIDING BACKGROUND INFORMATION, EXPLANATION OF TERMS, AND SOURCES OF INFORMATION. INCLUDED ARE AN APPENDIX (MAJOR LEGISLATIVE AUTHORITY OF THE BUREAU OF OUTDOOR RECREATION) AND A SUBJECT INDEX. (MJB)

AVAILABILITY: SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. (STOCK NO. 2416-0041, $1.25)

78

ACCESSION NUMBER: ED055790

PUBLICATION DATE: OCT 68

TITLE: EVALUATION OF "OPERATION UPSTREAM" SUMMER, 1968. RESEARCH AND DEVELOPMENT REPORT, VOLUME 2 NUMBER 7.

PERSONAL AUTHOR: STARNES, THOMAS A.

DESCRIPTOR: *EDUCATIONAL PROGRAMS; *EVALUATION; *INSTRUCTION; *OUTDOOR EDUCATION; PHYSICAL EDUCATION; PHYSICAL EDUCATION FACILITIES; RECREATIONAL ACTIVITIES; *SUMMER PROGRAMS

IDENTIFIER: ESEA TITLE I

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 19P.

DESCRIBED ARE THE PROGRAM OBJECTIVES, RATIONALE, AND EVALUATION OF AN ELECTIVE, SURVIVAL ORIENTED, PERSONAL DEVELOPMENT SUMMER PROGRAM ADMINISTERED BY THE ATLANTA PUBLIC SCHOOLS. THE EVALUATION WAS OF A QUASI-EXPERIMENTAL PRETEST, POSTTEST DESIGN. THE 34 STUDENTS WERE EVALUATED BY THE CALIFORNIA TEST OF PERSONALITY AND "OPERATION UPSTREAM" QUESTIONNAIRE. RESULTS INDICATED THE YOUNG MEN MADE SIGNIFICANT GAINS ON BOTH INSTRUMENTS. DATA FROM THE CALIFORNIA TEST OF PERSONALITY INDICATED EIGHT AREAS IN WHICH THERE WERE IMPROVEMENTS IN PERSONALITY CHARACTERISTICS. THE "OPERATION UPSTREAM" QUESTIONNAIRE INDICATED MOST TASK OBJECTIVES OF THE PROGRAM WERE ACHIEVED. (BB)

ACCESSION NUMBER: ED055846

PUBLICATION DATE: JAN 71

TITLE: OUTDOOR RECREATION RESEARCH, A REFERENCE CATALOG, 1970, NUMBER 4.

DESCRIPTOR: *ANNOTATED BIBLIOGRAPHIES; *ENVIRONMENTAL EDUCATION; GOVERNMENT PUBLICATIONS; LAND USE; NATURAL RESOURCES; *OUTDOOR EDUCATION; RECREATIONAL FACILITIES; *RESEARCH; WILDLIFE MANAGEMENT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 125P.

THIS REFERENCE CATALOG LISTS AND DESCRIBES 427 CURRENT OR COMPLETED OUTDOOR RECREATION AND RELATED ENVIRONMENTAL QUALITY RESEARCH PROJECTS. PROJECTS ARE GROUPED INTO ONE OF THREE CATEGORIES: RESOURCES, ECONOMICS, AND USER STUDIES. THE CATALOG IS DESIGNED TO ASSIST SCIENTISTS, ADMINISTRATORS, PLANNERS AND STUDENTS BY FACILITATING THE EXCHANGE OF INFORMATION AND RESEARCH RESULTS. INDEXES PROVIDED FOR THE READER'S BENEFIT CONSIST OF SUBJECT, INVESTIGATOR, SUPPORTING AGENCY AND CONTRACTING AGENCY. (BB)

AVAILABILITY: SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 ($1.25)

80

ACCESSION NUMBER: ED055859

PUBLICATION DATE: 71

TITLE: ADVENTURE IN ENVIRONMENT, OUTDOOR BOOK.

DESCRIPTOR: ENVIRONMENT; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; INTERDISCIPLINARY APPROACH; *INTERMEDIATE GRADES; *LEARNING ACTIVITIES; LESSON PLANS; OUTDOOR EDUCATION; STUDENT PROJECTS; *STUDY GUIDES

IDENTIFIER: NEED

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 54P.

PRESENTED IN THIS HANDBOOK ARE QUESTIONS AND IDEAS FOR STUDENTS TO CONSIDER WHILE STUDYING THEIR ENVIRONMENT OUT-OF-DOORS. DEVELOPED TO ACCOMPANY THE NATIONAL ENVIRONMENTAL EDUCATION DEVELOPMENT (NEED) PROGRAM, IT WAS WRITTEN TO HELP THE STUDENT LEARN TO LOOK AT FAMILIAR PLACES AND THINGS IN NEW WAYS. IT UTILIZES THE CONCEPT OF "STRAND" APPROACH OF VARIETY AND SIMILARITY, PATTERNS, INTERACTION AND INTERDEPENDENCE, CONTINUITY AND CHANGE, AND ADAPTATION AND EVOLUTION. STUDENTS ARE ENCOURAGED TO OBSERVE THESE PROCESSES OF ENVIRONMENT AS THEY OPERATE IN RELATIVELY NATURAL CONDITIONS AND, THUS, REALIZE THAT THESE PROCESSES ARE AT WORK THROUGHOUT THE WORLD. TEN LESSONS ARE INCLUDED TO OBSERVE AND INTERACT WITH THESE PROCESSES AND AR E ENTITLED: WATCHING THINGS CHANGE, EXPLORING ON HANDS AND KNEES, LOOKS AND FEELINGS, NATURE'S PATTERNS, TREE TEXTURES, IT'S NOT A BIRD BUT IT FLIES, HOW HIGH IS THAT?, TURNING AND PACING, FAST-SLOW-HIGH-LOW, AND HOW LONG AGO? IN ADDITION, GAMES ARE SUGGESTED TO ILLUSTRATE EACH OF THE FIVE STRANDS. SE 012 484 AND SE 012 485 ARE RELATED DOCUMENTS. (BL)

AVAILABILITY: SILVER BURDETT COMPANY, DIVISION OF GENERAL LEARNING CORP., MORRISTOWN, NEW JERSEY

ACCESSION NUMBER: ED055871

PUBLICATION DATE: 5 APR 71

TITLE: ENVIRONMENTAL EDUCATION.

PERSONAL AUTHOR: FALKENSTEIN, W. J.

DESCRIPTOR: *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; LEARNING ACTIVITIES; *NATURAL RESOURCES; OUTDOOR EDUCATION; RESOURCE MATERIALS; *STUDY CENTERS; *TEACHING GUIDES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 13P.

TO ASSIST TEACHERS IN KNOWING ABOUT ENVIRONMENTAL STUDY AND THEIR AVAILABILITY FOR CLASS STUDIES, THE WEST LINN, OREGON SCHOOL DISTRICT #3 HAS DEVELOPED THIS "FIRST STEP" SURVEY. INFORMATION FOR EACH LOCAL STUDY AREA DESCRIBES ITS HISTORY, GENERAL PHYSICAL APPEARANCE, VEGETATION, WILDLIFE, SPECIAL FEATURES, PRESENT PHYSICAL DEVELOPMENT, SEASONAL VARIATIONS, AND NATURAL HAZARDS. IN ADDITION, SUPPLEMENTAL INFORMATION FOR TEACHERS REGARDING GROUP SIZE AND SUGGESTED USAGE OF THE AREA IS INCLUDED. (BL)

ACCESSION NUMBER: ED055879

PUBLICATION DATE: 70

TITLE: PROGRAMS IN ENVIRONMENTAL EDUCATION, 1970.

DESCRIPTOR: *DIRECTORIES; EDUCATIONAL PROGRAMS; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; SECONDARY GRADES

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 57P.

TO AID IN THE SEARCH FOR EXEMPLARY ENVIRONMENTAL EDUCATION PROGRAMS, THE NATIONAL SCIENCE TEACHERS ASSOCIATION HAS DEVELOPED THIS INVENTORY OF SCIENCE PROGRAMS RELATED TO THE ENVIRONMENT. ONLY THOSE PROGRAMS WHICH HAVE MATERIALS AVAILABLE TO OTHER SCHOOL SYSTEMS OR INDIVIDUALS AND WHO CAN HANDLE INQUIRIES ARE INCLUDED. SIXTY PROGRAMS ARE LISTED IN 28 STATES AND TWO FOREIGN COUNTRIES - CANADA AND THE PHILIPPINES. EACH ENTRY PROVIDES PROGRAM NAME AND ADDRESS, PROGRAM DIRECTOR AND ADDRESS, A BRIEF DESCRIPTION OF THE PROGRAM, AND MATERIALS AVAILABLE. THE APPENDIX CONTAINS SAMPLE MATERIALS OF: A LESSON PLAN FOR GRADE ONE INVOLVING A TRIP TO AN OUTDOOR LABORATORY; A STATE RESOLUTION FOR ENVIRONMENTAL EDUCATION; A SCHEDULE FOR A ONE-WEEK CURRICULUM AT AN OUTDOOR SCHOOL; SUBJECT MATTER AREAS FOR A SIXTH GRADE RESIDENT ENVIRONMENTAL EDUCATION PROGRAM; CURRICULUM ACTIVITIES FOR A HALF-DAY VISIT TO AN ARBORETUM BY GRADES K-6; AND ENVIRONMENTAL CURRICULUM THEMES FOR GRADES 1-12. A RELATED DOCUMENT IS SE 012 628. (BL)

AVAILABILITY: NEA PUBLICATIONS SALES, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036 (STOCK NO. 471-14394 $1.50)

ACCESSION NUMBER: ED055915

PUBLICATION DATE: 71

TITLE: PROGRAMS IN ENVIRONMENTAL EDUCATION, 1971.

DESCRIPTOR: *DIRECTORIES; EDUCATIONAL PROGRAMS; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; SECONDARY GRADES

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 49P.

TO AID IN THE SEARCH FOR EXEMPLARY ENVIRONMENTAL EDUCATION PROGRAMS, THE NATIONAL SCIENCE TEACHERS ASSOCIATION HAS DEVELOPED THIS SECOND EDITION INVENTORY OF SCIENCE PROGRAMS RELATED TO THE ENVIRONMENT. ONLY THOSE PROGRAMS WHO HAVE MATERIALS AVAILABLE TO OTHER SCHOOL SYSTEMS OR INDIVIDUALS AND WHO CAN HANDLE INQUIRIES ARE INCLUDED. ONE HUNDRED AND SIX PROGRAMS ARE LISTED IN 34 STATES AND UNITED STATES POSSESSIONS - WASHINGTON, D. C. AND GUAM. INCLUDED IN THIS TOTAL IS UPDATED INFORMATION ON 30 PROGRAMS PREVIOUSLY DESCRIBED IN THE 1970 EDITION. EACH ENTRY PROVIDES PROGRAM NAME AND ADDRESS, PROGRAM DIRECTOR AND ADDRESS, A BRIEF DESCRIPTION OF THE PROGRAM, AND MATERIALS AVAILABLE. A RELATED DOCUMENT IS SE 012 551. (BL)

AVAILABILITY: NATIONAL SCIENCE TEACHERS ASSOCIATION, 1201 16TH STREET, N.W., WASHINGTON, D.C. 20036 (STOCK NO. 471-14394, PRICE $1.50)

ACCESSION NUMBER: ED056397

PUBLICATION DATE: SEP 71

TITLE: EVALUATION REPORT: NEWARK SCHOOL DISTRICT ESEA TITLE I PROGRAM, SUMMER 1971.

DESCRIPTOR: COMMUNITY INVOLVEMENT; *COMPENSATORY EDUCATION; *DISADVANTAGED YOUTH; *FEDERAL PROGRAMS; OUTDOOR EDUCATION; *PROGRAM EVALUATION; READING ACHIEVEMENT; READING CENTERS; READING INSTRUCTION; STANDARDIZED TESTS; TEACHER AIDES; TEST RESULTS

IDENTIFIER: *ELEMENTARY SECONDARY EDUCATION ACT TITLE I; ESEA TITLE I; NEWARK; NEW JERSEY

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 81P.

THIS EVALUATION ATTEMPTS TO MEASURE THE EXTENT AND EFFECTIVENESS OF THE 1971 NEWARK ESEA TITLE I PROGRAM THAT EXTENDED THE REGULAR SCHOOL YEAR READING PROGRAM INTO THE SUMMER MONTHS FOR 19,391 PUPILS IN GRADES K-12. THE INSTRUCTIONAL ACTIVITIES ENCOMPASSED REMEDIAL AND DEVELOPMENTAL READING, DEVELOPMENT OF LANGUAGE ARTS SKILLS, AND IMPLEMENTATION OF BILINGUAL PROGRAMS TO IMPROVE THE SKILLS OF BOTH ENGLISH- AND SPANISH-SPEAKING CHILDREN. A WIDE DIVERSITY OF OUTDOOR EXPERIENTIAL ACTIVITIES THAT INCORPORATED BASIC SKILLS LEARNING COMPONENTS WERE INCLUDED. EVALUATION DATA WERE ASSEMBLED FROM INTERVIEW AND QUESTIONNAIRE RESULTS OF A SAMPLE OF PERSONNEL AND STUDENTS, STANDARDIZED TEST SCORES, AND ONSITE OBSERVATIONS. (AUTHOR/MLF)

ACCESSION NUMBER: ED056871

PUBLICATION DATE: 71

TITLE: HO-NEE-UM TRAIL.

PERSONAL AUTHOR: IRWIN, HARRIET; AND OTHERS

DESCRIPTOR: AUDIOVISUAL AIDS; ECOLOGY; *ELEMENTARY GRADES; FILMSTRIPS; *INSTRUCTIONAL MATERIALS; INSTRUCTIONAL TRIPS; *NATURAL RESOURCES; *OUTDOOR EDUCATION; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 31P.

APPRECIATION AND CONCERN FOR THE PRESERVATION OF OUR NATURAL RESOURCES BY ALL CITIZENS IS THE PRIMARY CONCERN OF THIS TEACHER'S GUIDE FOR USE IN THE ELEMENTARY GRADES. IT EMPLOYES THE USE OF A FILMSTRIP IN CONJUNCTION WITH A LOCAL NATURE TRAIL, TO GUIDE STUDENTS IN DEVELOPING AWARENESS - BY LOOKING CLOSELY, LISTENING, TOUCHING, AND SMELLING. MAJOR THEMES OF THE FALL TOUR CONSIDER PLANT AND ANIMAL RELATIONSHIPS, SEED DISPERSAL, AND GETTING READY FOR WINTER. THE FILMSTRIP IS EXPLAINED IN ITS ENTIRETY, ILLUSTRATING EACH FRAME AND ITS ACCOMPANYING SCRIPT. QUESTIONS IN THE SCRIPT ARE DESIGNED TO ENCOURAGE CLASS DISCUSSION DURING THE VIEWING TIME. BRACKETED PARAGRAPHS PROVIDE THE TEACHER WITH ADDITIONAL INFORMATION. LOCAL HISTORY AND USE OF THE AREA ARE PRESENTED IN FOUR SHORT NARRATIONS; WINNEBAGO INDIANS OF THE FOUR LAKES AREA, GORHAM SPRING - THE DUCK POND, THE MARSTON SPRING, AND THE ARBORETUM SPRING. ALSO INCLUDED IS AN ARTICLE ABOUT THE COMMON GROUND MOLE. THE FILMSTRIP IS NOT INCLUDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

86

ACCESSION NUMBER: ED056873

PUBLICATION DATE: 71

TITLE: EAGLE HEIGHTS WOODS: MAN'S USE OF LAND.

PERSONAL AUTHOR: PRATT, CAY: NELSON, REDGY

DESCRIPTOR: AUDIOVISUAL AIDS; *ECOLOGY; *ELEMENTARY GRADES; ENVIRONMENTAL EDUCATION; FILMSTRIPS; INSTRUCTIONAL MATERIALS; *LAND USE; OUTDOOR EDUCATION; *SEMANTICS; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 17P.

THIS TEACHER'S GUIDE FOR USE IN THE ELEMENTARY GRADES WAS PREPARED AS A RESULT OF THE 1970 LOCAL MATERIALS WORKSHOP ON OUTDOOR EDUCATION, MADISON, WISCONSIN. IT DEVELOPS THE CONCEPT OF A LAND ETHNIC AS EXPRESSED BY ALDO LEOPOLD IN "A SAND COUNTY ALMANAC". A FILMSTRIP IS EMPLOYED TO DISCOVER THE MEANING OF SEVERAL WORDS PERTINENT TO ECOLOGY--ENVIRONMENT, ECOSYSTEM, COMMUNITY, HABITAT, NICHE, FOOD CHAIN OR WEB, PRIMARY PRODUCERS, CONSUMERS, DECOMPOSERS, PREDATORS, CAMOUFLAGE, AND SUCCESSION. SETTINGS FOR SUCH DISCOVERY INCLUDE THE SCHOOLYARD, GOING TO AND FROM SCHOOL, HOME, A NEARBY FIELD, AND EAGLE HEIGHTS WOODS. THE FILMSTRIP IS EXPLAINED IN ITS ENTIRETY, ILLUSTRATING EACH FRAME AND ITS ACCOMPANYING SCRIPT. THE FILMSTRIP IS NOT INCLUDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

ACCESSION NUMBER: ED056878

PUBLICATION DATE: 71

TITLE: TRI-DISTRICT COOPERATIVE DEVELOPMENT OF LAND LABORATORIES FOR CONSERVATION AND OUTDOOR EDUCATION, SUMMARY EVALUATION.

DESCRIPTOR: CONSERVATION EDUCATION; COOPERATIVE PROGRAMS; EDUCATIONAL PROGRAMS; *EVALUATION; *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; *PROJECTS; *REPORTS

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 119P.

PRESENTED IN THIS REPORT IS A SUMMARY EVALUATION OF THE TRI-DISTRICT COOPERATIVE DEVELOPMENT OF LAND LABORATORIES FOR CONSERVATION AND OUTDOOR EDUCATION PROJECT. SCHOOL DISTRICTS PARTICIPATING IN THE PROJECT INCLUDE WORTHINGTON, GRANDVIEW HEIGHTS, AND WESTERVILLE, OHIO. PART I OF THE THREE-PART REPORT EVALUATES THE OVERALL EFFORTS OF THE THREE YEAR PROGRAM WITH PARTICULAR REFERENCE TO THE THIRD YEAR ACTIVITIES. REACTIONS AND RECOMMENDATIONS FROM THOSE ASSOCIATED WITH THE PROGRAM, THE INITIATORS (COMMITTEE MEMBERS, CONSULTANTS, AND ADMINISTRATORS), ASSISTEES (TEACHERS AND PRINCIPALS), AND RECIPIENTS (STUDENTS) ARE GIVEN. PART II ENCOMPASSES A HISTORY OF THE PROJECT, UNPREDICTED OUTCOMES, IMPACT OF THE PROJECT ON THE SCHOOL AND ADULT POPULATION, COOPERATIVE EFFORTS, DISSEMINATION OF INFORMATION AND MATERIALS, PROJECT FUNDING PROCEDURES, AND COSTS. THIRTEEN APPENDICES COMPRISE PART III, COVERING TABULATED REPLIES FROM QUESTIONNAIRES AND INVENTORIES AND PHASE-IN REPORTS FROM THE THREE PARTICIPATING SCHOOL DISTRICTS. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

ACCESSION NUMBER: ED057551

PUBLICATION DATE: 71

TITLE: RESOURCE GUIDE FOR DAY CARE CENTERS IN RECREATION AND PHYSICAL ACTIVITIES.

DESCRIPTOR: BODY IMAGE; *CHILD CARE CENTERS; CITIZENSHIP; *EDUCATIONAL PROGRAMS; *GUIDELINES; HEALTH EDUCATION; OUTDOOR EDUCATION; *PHYSICAL ACTIVITIES; *RECREATION; SELF CONTROL; SOCIALIZATION; VOCATIONAL APTITUDE

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 171P.

PRESENTED ARE RESOURCE GUIDELINES IN RECREATION AND PHYSICAL ACTIVITIES FOR DAY CARE CENTER EDUCATIONAL PROGRAMS. SEVEN MONTHLY THEMES ARE DISCUSSED IN TERMS OF MOTOR DEVELOPMENT, CREATIVE ARTS AND CRAFTS, GAMES, MUSIC AND RHYTHMICS, COMMUNICATION, PROBLEM SOLVING, RELAXATION, AND DRAMA, WHERE APPLICABLE. THE GOALS OF SELF AWARENESS ARE KNOWLEDGE OF BODY PARTS, HOW BODY PARTS MOVE, AND ABILITY TO MOVE IN MANY DIRECTIONS IN SPACE. OBJECTIVES OF HEALTH AND GROOMING ARE CARE FOR ONE'S OWN BODY, IMPROVEMENT OF PERSONAL APPEARANCE, AND RESPONSIBILITY FOR PERSONAL SAFETY. THE UNIT ON SELF CONTROL IS DESIGNED TO DEVELOP THE ABILITY TO RESPOND TO RULES AND AUTHORITY, TO RESPOND TO PEER GROUP CONTROLS, TO CONTROL SELF, AND TO EXPRESS FEELINGS ACCURATELY. INSTRUCTION IN SOCIALIZATION AND HUMAN RELATIONS EMPHASIZES GROUP MEMBERSHIP, GOOD MANNERS, COURTESY, SOCIAL AMENITIES, AND RESPECT FOR SELF AND OTHERS. DEVELOPMENT OF VOCATIONAL APTITUDE FOCUSES ON GOOD WORK HABITS, ABILITY TO DO SIMPLE CHORES, PRODUCING THINGS WITH HANDS, AND HANDLING MONEY WISELY. OBJECTIVES OF CITIZENSHIP EDUCATION ARE GOOD CITIZEN AND COMMUNITY HELPER, ABILITY TO FUNCTION IN EMERGENCY, MAKING USE OF COMMUNITY RESOURCES, AND COMMUNITY MOBILITY. THE LAST UNIT CONCERNS OUTDOOR RECREATION, BEING OUTDOORS, DEMONSTRATING SKILLS, AND KNOWING COMMUNITY RESOURCES. (CB)

ACCESSION NUMBER: ED058028

PUBLICATION DATE: 71

TITLE: A WINTER WALK AT HO-NEE-UM.

PERSONAL AUTHOR: IRWIN, HARRIET; AND OTHERS

DESCRIPTOR: AUDIOVISUAL AIDS; ECOLOGY; FILMSTRIPS; *INSTRUCTIONAL MATERIALS; INSTRUCTIONAL TRIPS; NATURAL RESOURCES; *OUTDOOR EDUCATION; *PRIMARY GRADES; *SENSORY EXPERIENCE; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 20P.

APPRECIATION AND CONCERN FOR THE PRESERVATION OF OUR NATURAL RESOURCES BY ALL CITIZENS IS THE PRIMARY CONCERN OF THIS TEACHER'S GUIDE FOR USE IN THE LOWER PRIMARY GRADES. IT EMPLOYS THE USE OF A FILMSTRIP IN CONJUNCTION WITH A LOCAL NATURE TRAIL, TO GUIDE STUDENTS IN DEVELOPING AWARENESS - BY LOOKING CLOSELY, LISTENING, TOUCHING, AND SMELLING. THE MAJOR THEME OF THE WINTER TOUR IS USE OF THE SENSES IN OBSERVING PATTERNS, COLORS, TEXTURES, AND SOUNDS IN THE OUT-OF-DOORS. THE FILMSTRIP IS EXPLAINED IN ITS ENTIRETY, ILLUSTRATING EACH FRAME AND ITS ACCOMPANYING SCRIPT. QUESTIONS IN THE SCRIPT ARE DESIGNED TO ENCOURAGE CLASS DISCUSSION DURING THE VIEWING TIME. BRACKETED PARAGRAPHS PROVIDE THE TEACHER WITH ADDITIONAL INFORMATION. ALSO DEPICTED ARE CHARTS OF ANIMAL TRACKS OFTEN FOUND IN THE WOODS OR ALONG THE TRAIL. THE FILMSTRIP IS NOT INCLUDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

90

ACCESSION NUMBER: ED058049

PUBLICATION DATE: 71

TITLE: ENVIRONMENTAL EDUCATION, OBJECTIVES AND FIELD ACTIVITIES, FOURTH EDITION.

PERSONAL AUTHOR: MAJOR, JAMES M.; CISSELL, CHARLES A.

DESCRIPTOR: CURRICULUM ENRICHMENT; *ENVIRONMENTAL EDUCATION; *FIELD INSTRUCTION; INTERDISCIPLINARY APPROACH; *LEARNING ACTIVITIES; *NATURAL RESOURCES; OBJECTIVES; OUTDOOR EDUCATION; *TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$13.16

DESCRIPTIVE NOTE: 379P.

CONTAINED IN THIS TEACHER'S GUIDE ARE EDUCATIONAL OBJECTIVES AND NUMEROUS FIELD ACTIVITY SUGGESTIONS FOR ENVIRONMENTAL EDUCATION. PART ONE DEALS WITH THE TOTAL ENVIRONMENTAL EDUCATION PROGRAM, PRIMARILY DEVELOPED FOR FIFTH GRADE STUDENTS, BUT ADAPTABLE TO ANY LEVEL, AGE SIX TO ADULT. SAMPLE OBJECTIVES OF AN ENVIRONMENTAL EDUCATION PROGRAM, GENERAL EDUCATIONAL OBJECTIVES, SCHOOL OBJECTIVES, AND SUBJECT AREAS OF STUDY OBJECTIVES ARE OUTLINED IN ADDITION TO A SUGGESTED INSTRUCTIONAL APPROACH AND PHILOSOPHY OF ENVIRONMENTAL EDUCATION. PART TWO DESCRIBES 125 FIELD ACTIVITIES DEVELOPED FOR ELEMENTARY AND HIGH SCHOOL STUDENTS USING THE YOUTH ACTIVITY STATION, LAND BETWEEN THE LAKES, KENTUCKY. THESE ARE IN THE AREAS OF LIFE SCIENCE, EARTH SCIENCE, ART, ASTRONOMY, WEATHER, CONSERVATION, ECOLOGY, SOCIAL STUDIES, AND LANGUAGE ARTS. A BIBLIOGRAPHY, SAMPLE PROGRAM SCHEDULE, CHECKLISTS, AND SECTION ON WRITING BEHAVIORAL OBJECTIVES ARE ALSO INCLUDED. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

ACCESSION NUMBER: ED058976

PUBLICATION DATE: 71

TITLE: I DO AND I UNDERSTAND (GLEN HELEN WORKSHOP: APRIL 29-MAY 1, 1971).

PERSONAL AUTHOR: PINSON, ROSIE BARAJAS; AND OTHERS

DESCRIPTOR: CULTURAL PLURALISM; *ENGLISH (SECOND LANGUAGE); INSERVICE TEACHER EDUCATION; LANGUAGE DEVELOPMENT; LEARNING ACTIVITIES; *MEXICAN AMERICANS; *MIGRANT CHILDREN; *OUTDOOR EDUCATION; PATTERN DRILLS (LANGUAGE); STRUCTURAL LINGUISTICS; *TEACHER WORKSHOPS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 27P.; PRESENTATIONS ADAPTED FROM GLEN HELEN WORKSHOP, YELLOW SPRINGS, OHIO, APRIL 29-MAY 1, 1971

DURING THE TEACHER WORKSHOP CONDUCTED AT THE GLEN HELEN OUTDOOR EDUCATION CENTER AT YELLOW SPRINGS, OHIO, ORAL LANGUAGE TECHNIQUES, MEXICAN AMERICAN CULTURE, AND OUTDOOR EDUCATION WERE GIVEN HIGH PRIORITY IN TRAINING TEACHERS TO SERVE MIGRANT CHILDREN EFFECTIVELY. FOUR OF THE WORKSHOP PRESENTATIONS HAVE BEEN ADAPTED FOR THIS PUBLICATION. ONE OF THESE, A RATIONALE FOR ORAL LANGUAGE DEVELOPMENT, CONTAINS 12 PATTERN DRILLS WHICH CAN BE USED BY ANY CLASSROOM TEACHER TO HELP CHILDREN MASTER BASIC ENGLISH LANGUAGE PATTERNS; SOME OF THE TYPES OF DRILLS PRESENTED ARE REPETITION DRILLS, SUBSTITUTION DRILLS, TRANSFORMATION DRILLS, CONVERSATION DRILLS, AND ADDITION DRILLS. ANOTHER PRESENTATION, ENTITLED HELPING SPANISH-SPEAKING CHILDREN WHO SAY "TEACH ME THE ENGLISH," OFFERS SIMILAR AND DISSIMILAR PATTERNS IN WORD ORDER AND GRAMMATICAL STRUCTURE. THE OTHER SECTIONS ARE (1) THE FUTURE OF THE MEXICAN AMERICAN--WITH AN OPTIMISTIC EYE AND (2) OUTDOOR EDUCATION RESOURCES AND ACTIVITIES. EACH SECTION CONTAINS PICTURES AS WELL AS A NARRATIVE DISCUSSION OF THE PRESENTATION. (JB)

92

ACCESSION NUMBER: ED058986

PUBLICATION DATE: NOV 71

TITLE: SOURCES OF FUNDING FOR OUTDOOR EDUCATION.

PERSONAL AUTHOR: ROSENSTEIN, IRWIN

DESCRIPTOR: *AGENCIES; CURRICULUM ENRICHMENT; *FEDERAL AID; *FINANCIAL SUPPORT; *OUTDOOR EDUCATION; *PRIVATE FINANCIAL SUPPORT; SCHOOL TAXES; STATE AID

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 34P.

THE FINANCING OF OUTDOOR EDUCATION SHOULD BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT ACCORDING TO THE SAME POLICIES THAT PERTAIN TO OTHER EMPHASES IN THE CURRICULUM. HOWEVER, SOURCES OF FUNDING OTHER THAN LOCAL SCHOOL TAX FUNDS ARE STATE FUNDS, FEDERAL FUNDS, AND PRIVATE FUNDS. STATE FUNDS THAT MIGHT BE USED FOR OUTDOOR EDUCATION PROGRAMS INCLUDE FUNDS FOR INSERVICE EDUCATION OF TEACHERS, URBAN EDUCATION, VOCATIONAL EDUCATION, AND EDUCATION OF THE HANDICAPPED. FEDERAL FINANCIAL ASSISTANCE IS AVAILABLE FROM SOURCES WHICH INCLUDE THE ENVIRONMENTAL EDUCATION ACT, LEGACY OF PARKS PROGRAM, LAND AND WATER CONSERVATION FUND, AND ELEMENTARY AND SECONDARY EDUCATION ACT. NUMEROUS PRIVATE AGENCIES, ORGANIZATIONS, AND FOUNDATIONS HAVE FUNDS AVAILABLE FOR SUPPORT OF ENVIRONMENTAL AND OUTDOOR PROGRAMS. IN THE DOCUMENT, NARRATIVE INFORMATION AND A CHART OF FUNDING SOURCES DESCRIBE THE TYPES OF FUNDS, THEIR PURPOSES, WHO MAY APPLY, AND HOW TO RECEIVE FURTHER INFORMATION; ADDRESS LISTS OF STATE EDUCATION DEPARTMENTS, U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT REGIONAL OFFICES, BUREAU OF OUTDOOR RECREATION REGIONAL OFFICES, U.S. OFFICE OF EDUCATION REGIONAL OFFICES, AND STATE AGENCIES FOR SURPLUS PROPERTY ARE APPENDED. (JH)

AVAILABILITY: SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NO. 1780-0877; $0.40)

ACCESSION NUMBER: ED058988

PUBLICATION DATE: 71

TITLE: EVALUATION OF THE CAMP PROJECT FOR SEVENTH, EIGHTH, AND NINTH GRADERS. RESEARCH AND DEVELOPMENT REPORT, VOL. V, NO. 4, SUMMER 1971.

PERSONAL AUTHOR: KOPP, FREDERICK S.; BARNES, JARVIS

DESCRIPTOR: ANGLO AMERICANS; *CAMPING; GROUP LIVING; JUNIOR HIGH SCHOOL STUDENTS; NEGRO STUDENTS; *OUTDOOR EDUCATION; PERSONAL GROWTH; *PROGRAM EVALUATION; RECREATIONAL ACTIVITIES; SELF ESTEEM; *SUMMER PROGRAMS; *URBAN YOUTH

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 55P.

THE TITLE I (ELEMENTARY AND SECONDARY EDUCATION ACT) 1971 SUMMER CAMP PROJECT OF THE ATLANTA PUBLIC SCHOOLS OFFERED TO A GROUP OF 427 SEVENTH-, EIGHTH-, AND NINTH-GRADE BOYS AND GIRLS OF 5 1/2-DAY CAMPING EXPERIENCE. CAMP ACTIVITIES WERE DIRECTED AT AN ATTEMPT TO INTEGRATE THE CHILDREN'S KNOWLEDGE OF THE OUTDOORS WITH ACTUAL EXPERIENCE IN NATURE AND, AT THE SAME TIME, AFFORD THE CHILDREN AN OPPORTUNITY FOR FRESH AIR, EXERCISE, AND PERSONAL DEVELOPMENT. ALSO CENTRAL TO THE MEETING OF CAMP GOALS WAS THE LIFE-STYLE ITSELF, WHICH CONSISTED OF FAMILY-STYLE MEALS, COMMUNITY LIVING AND BATHING FACILITIES, AND COMPETITIVE ENDEAVORS SUCH AS TEAM SPORTS AND CABIN COMPETITION. EVALUATION OF THE PROGRAM INCLUDED THE ADMINISTRATION OF THE COPPERSMITH SELF-ESTEEM INVENTORY, THE ALL ABOUT MYSELF SCALE, THE CHILDREN'S FORM OF THE MANIFEST ANXIETY SCALE, AND PRE- AND POST-QUESTIONNAIRES RELATING DIRECTLY TO THE CAMP EXPERIENCE. ALL ASPECTS OF THE PROGRAM WERE EVALUATED, WITH RESULTING RECOMMENDATIONS IN THE AREAS OF PLANNING, FACILITIES AND EQUIPMENT, STAFF, MANAGEMENT AND CONTROL, AND PARTICIPATING STUDENTS. A RELATED DOCUMENT IS ED055693. (JH)

ACCESSION NUMBER: ED059064

PUBLICATION DATE: 71

TITLE: DIRECTORY OF DEGREE PROGRAMS RELATED TO CONSERVATION, ECOLOGY, ENVIRONMENTAL EDUCATION, ENVIRONMENTAL SCIENCE, OUTDOOR EDUCATION, & NATURAL RESOURCES.

PERSONAL AUTHOR: BACHERT, RUSSEL E., JR., COMP.

DESCRIPTOR: COLLEGE MAJORS; *COLLEGE PROGRAMS; *CONSERVATION EDUCATION; DEGREES (TITLES); *DIRECTORIES; ECOLOGY; *ENVIRONMENTAL EDUCATION; *NATURAL RESOURCES; OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 33P.; EDUCATION.....KEY TO CONSERVATION SERIES NO. 7.

NEARLY 150 ENVIRONMENTAL PROGRAMS AT APPROXIMATELY 120 COLLEGES AND UNIVERSITIES IN THE UNITED STATES AND NINE PROGRAMS AT THREE CANADIAN UNIVERSITIES ARE DESCRIBED IN THIS DIRECTORY. ENTRIES ARE MADE ALPHABETICALLY BY STATE. EACH INCLUDES THE NAME AND ADDRESS OF THE INDIVIDUAL TO BE CONTACTED FOR FURTHER INFORMATION, THE PROGRAM NAME AND DEGREES AVAILABLE, AND A DESCRIPTIVE ANNOTATION OF THE PROGRAM. (PR)

AVAILABILITY: INTERSTATE PRINTERS & PUBLISHERS, DANVILLE, ILLINOIS 61832 (NO. 1439)

ACCESSION NUMBER: ED059077

PUBLICATION DATE: JAN 72

TITLE: ENVIRONMENTAL EDUCATION.

PERSONAL AUTHOR: HEISER, ED

DESCRIPTOR: *ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; *EXPERIMENTAL PROGRAMS; INTERDISCIPLINARY APPROACH; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; REPORTS; RESIDENT CAMP PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 120P.

FURNISHED IN THIS COMPREHENSIVE REPORT IS A RESUME OF A FIVE-YEAR EXPERIMENTAL PROGRAM IN ENVIRONMENTAL EDUCATION CONDUCTED BY THE EASTERN MONTANA COLLEGE LABORATORY SCHOOL IN CONJUNCTION WITH EASTERN MONTANA COLLEGE AND THE BILLINGS SCHOOL DISTRICT #2. THE BASIC PURPOSE OF THE PROGRAM IS TO MAKE TEACHERS, AND IN TURN STUDENTS, AWARE OF THE POSSIBILITIES OF STUDYING THE OUTDOORS RIGHT OUTSIDE THEIR CLASSROOMS. THIS LEARNING CAN THEN ENHANCE THE CULMINATING ACTIVITY OF FIELD INSTRUCTION AT A RESIDENT SCHOOL CAMP. THE RESUME GIVES A BRIEF HISTORY, DEFINITION AND STATEMENT OF THE NEED FOR ENVIRONMENTAL EDUCATION, TOGETHER WITH A SUMMARY OF THE OBJECTIVES, CONTENT, CURRICULUM, FINANCING, MANAGEMENT, AND GROWTH OF THE ENVIRONMENTAL EDUCATION PROGRAM FROM 1966 TO 1971. GUIDELINES FOR ESTABLISHING AN INTERDISCIPLINARY ENVIRONMENTAL EDUCATION PROGRAM ARE OUTLINED, BASED ON AN EVALUATION INSTRUEMTN PREPARED BY DR. HELEN GRILLEY, EASTERN MONTANA COLLEGE. THIS CITES PRINCIPLES, OBJECTIVES, METHODS USED INCLUDING PRE-PLANNING, FOLLOW-UP, AND EVALUATION, AND CURRICULUM EXPERIENCES IN SEVEN SUBJECT AREAS. NUMEROUS APPENDICES PRESENT ADMINISTRATIVE DETAILS, CAMP PROGRAM SCHEDULES, AND TEACHER WORKSHIP INFORMATION. (BL)

ACCESSION NUMBER: ED059079

PUBLICATION DATE: 71

TITLE: OUTDOOR LABORATORY DEVELOPMENT.

PERSONAL AUTHOR: BUSBEE, CYRIL B.

DESCRIPTOR: EDUCATIONAL FACILITIES; *GUIDES; *LABORATORIES; NATURAL RESOURCES; *OUTDOOR EDUCATION; PLANNING; *SITE DEVELOPMENT; SITE SELECTION

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 13P.

GUIDELINES FOR DEVELOPING AN OUTDOOR, EDUCATIONAL LABORATORY ARE OFFERED IN THIS BOOKLET. STRESS IS PLACED ON ESTABLISHING A LABORATORY THAT CAN BE USED WITH ALL ASPECTS OF THE SCHOOL'S EXISTING CURRICULUM. ITEMS REGARDING ORGANIZATION OF A PLANNING AND GUIDANCE COMMITTEE, USER REQUIREMENTS, CONSTRUCTION CONSIDERATIONS TO MAINTAIN THE NATURAL ENVIRONMENT, AND UNIQUE DESIGN FEATURES ARE ELABORATED. ALSO INCLUDED IS A CHECKLIST TO AID IN IDENTIFYING ENVIRONMENTAL-CONSERVATION ACTIVITIES THAT CAN BE CONDUCTED ON SCHOOL PROPERTY, A BIBLIOGRAPHY, AND A SAMPLE LAYOUT PLAN FOR AN OUTDOOR LABORATORY. (BL)

ACCESSION NUMBER: ED059085

PUBLICATION DATE: 70

TITLE: ISLAND NATURAL SCIENCE SCHOOL.

DESCRIPTOR: CONSERVATION EDUCATION; *ECOLOGY; *GRADE 6; *INSTRUCTIONAL MATERIALS; LEARNING ACTIVITIES; *MANUALS; NATURAL RESOURCES; *OUTDOOR EDUCATION; STUDENT PROJECTS; UNITS OF STUDY (SUBJECT FIELDS)

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 135P.

PREPARED FOR STUDENTS IN GRADE SIX ATTENDING THE ISLAND NATURAL SCIENCE SCHOOL, TORONTO, ONTARIO, CANADA, THIS BOOKLET OFFERS INFORMATION AND SUGGESTS ACTIVITIES IN THE AREAS OF ECOLOGY, CONSERVATION, NATURAL RESOURCES, AND OUTDOOR RECREATION. INTRODUCTORY MATERIAL DESCRIBES ISLAND LORE, ITS FORMATION AND SIGNIFICANT FEATURES, FOLLOWED BY UNITS OF STUDY ON CONSERVATION, ECOLOGY, BIOLOGY, PLANTS, ANIMALS, POND ECOLOGY, BIRDS, BEES, WEATHER, GEOLOGY, AND FARMING. THE WORKBOOK FORMAT ALLOWS STUDENTS TO WRITE IN ANSWERS TO QUESTIONS ASKED OR NOTE OBSERVATIONS GAINED FROM THE LEARNING ACTIVITIES. GENERAL BACKGROUND INFORMATION ON THE SUBJECT IS ALSO PROVIDED. OUTDOOR PURSUITS, THE FINAL UNIT, OFFERS IDEAS FOR ORIENTEERING, BAIT CASTING, ARCHERY, TARGET SHOOTING, AND SURVIVAL. FOLLOW-UP ACTIVITIES, REFERENCES, EQUIPMENT LISTS, AND GENERAL STATEMENTS ABOUT ECOLOGY CONCLUDE THIS STUDENT MANUAL. (BL)

ACCESSION NUMBER: ED059825

PUBLICATION DATE: NOV 71

TITLE: EVALUATION OF THE OUTDOOR EDUCATION AND SCHOOL CAMPING PROGRAM, SUMMER 1971 DETROIT PUBLIC SCHOOLS .

PERSONAL AUTHOR: WOOLFOLK, MANSFIELD

DESCRIPTOR: CAMP COUNSELORS; *CAMPING; CULTURAL ENRICHMENT; *DISADVANTAGED YOUTH; *OUTDOOR EDUCATION; *PROGRAM EVALUATION; RECREATIONAL ACTIVITIES; *RESIDENT CAMP PROGRAMS; SAFETY EDUCATION; SELF CONCEPT; SKILLS; SOCIALIZATION; SUMMER PROGRAMS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 17P.

AN EVALUATION OF THE DETROIT BOARD OF EDUCATION'S 4-SESSION 2-WEEK OUTDOOR EDUCATION AND SCHOOL CAMPING PROGRAM FOR THE SUMMER OF 1971, THIS REPORT EXAMINES THE 2 CAMPS THAT SERVED APPROXIMATELY 1400 CAMPERS FROM PUBLIC SCHOOLS. CHILDREN WERE ASSIGNED 10 TO A CABIN, AND EACH CHILD WAS GUIDED AND COUNSELED BY A CABIN COUNSELOR. THE CAMP PROGRAM INCLUDED HIKES, CATCHING AND CAGING SMALL ANIMALS, EDUCATIONAL DISPLAYS OF NATURAL HISTORY, FISHING, COOKOUTS, CRAFTS, TALENT SHOWS, SOCIAL GAMES, AND DANCING. SPECIFIC PROGRAM OBJECTIVES WERE TO IMPROVE SELF-CONCEPTS, DEVELOP SOCIALIZATION, ENHANCE CULTURAL GROWTH, IMPROVE CAMPING SKILLS, AND IMPROVE RECREATIONAL SKILLS AND SAFETY PRACTICES BY PROVIDING LEARNING EXPERIENCES IN A NATURAL SETTING. SELF-CONCEPT WAS MEASURED BY A 9-ITEM QUESTIONNAIRE ADMINISTERED TO A RANDOM SAMPLE OF 124 CAMPERS ON A PRE- AND POST-BASIS. ESSENTIALLY NO CHANGE IN SELF-CONCEPT WAS NOTED. RESULTS OF A CAMPER-EXPERIENCE QUESTIONNAIRE REVEALED THAT 64% OF THE CAMPERS ENJOYED THE EXPERIENCE, 73% WOULD LIKE 4 WEEKS AT CAMP, 91.9% ENJOYED THE FOOD, AND 44% EXPERIENCED DIFFICULTY ADJUSTING TO THE EATING SCHEDULE. OVER 90% GAINED IN GROUP RESPONSIBILITY, DINING-HALL ETIQUETTE, AND PERSONAL HYGIENE. CABIN COUNSELORS REPORTED, THROUGH A RATING FORM, THAT PROGRAM OBJECTIVES WERE MET. QUESTIONNAIRE RESPONSES WERE RETURNED BY 72 STAFF MEMBERS SHOWING THEIR FEELINGS REGARDING THE ENTIRE PROGRAM. SPECIFIC OBJECTIVES WERE DEEMED MET, AND PROGRAM CONTINUATION WAS RECOMMENDED. INCLUDED ARE 8 TABLES SHOWING MEASURING INSTRUMENTS AND RESULTS. (MJB)

ACCESSION NUMBER: ED059926

PUBLICATION DATE: 70

TITLE: K-12 CURRICULUM GUIDE FOR ENVIRONMENTAL EDUCATION.

DESCRIPTOR: *ACTIVITY LEARNING; AFFECTIVE OBJECTIVES; COGNITIVE OBJECTIVES; COMMUNITY RESOURCES; COMMUNITY STUDY; CURRICULUM GUIDES; ECOLOGY; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; HUMANITIES INSTRUCTION; *INTERDISCIPLINARY APPROACH; MATHEMATICS INSTRUCTION; *NATURE CENTERS; *OUTDOOR EDUCATION; SCIENCE INSTRUCTION; SECONDARY GRADES; SOCIAL STUDIES; THEMATIC APPROACH

IDENTIFIER: COLORADO

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 155P.

THIS GUIDE TO ENVIRONMENTAL AND OUTDOOR EDUCATION IS BASED ON THE PRINCIPLE THAT MAN WILL PROPERLY CARE FOR HIS WORLD ONLY IF HE BOTH UNDERSTANDS AND APPRECIATES IT. SEVENTY-TWO MULTIDISCIPLINARY ENVIRONMENTAL THEMES ARE IDENTIFIED FOR INSTRUCTION IN GRADES K-12. EACH THEME IS PRESENTED WITH BEHAVIORAL OBJECTIVES, KEY CONCEPTS, AND BOTH IN SCHOOL AND OUT OF SCHOOL ACTIVITIES. THE OUTDOOR ACTIVITIES ARE HEAVILY EMPHASIZED, AND DESIGNED FOR A LOCAL NATURE CENTER, PUBLIC PARTS, AND CAMPGROUNDS. DISCIPLINES INCORPORATED TOGETHER AND SEPARATELY IN THE THEMES ARE: SCIENCE, SOCIAL STUDIES, MATH, AND HUMANITIES. THE GUIDE RECOMMENDS THAT THE THEMES BE TAUGHT IN CONJUNCTION WITH THE REGULAR CURRICULA, WHEN APPROPRIATE. SUPPLEMENTING EACH THEME GROUP (K-3, 4-6, AND 7-12) ARE EXTENSIVE RESOURCE GUIDES TO FILMS, RECORDINGS, FILMSTRIPS, PAMPHLETS, AND BOOKS. A FINAL SECTION PRESENTS IDEAS AND INFORMATION FOR TEACHERS IN PLANNING OUTDOOR EXPERIENCES, SUCH AS: LITERATURE AND MUSIC FOR THE OUTDOORS, AND HOW TO READ A COMPASS. (DJB)

100

ACCESSION NUMBER: ED059947

PUBLICATION DATE: OCT 71

TITLE: A "SAVE OUR TREES" PROJECT FOR PRIMARY GRADES.

PERSONAL AUTHOR: LUNDGREN, LAURIE L.

DESCRIPTOR: *ACTIVITY LEARNING; COMMUNITY ACTION; CONCEPT TEACHING; *CONSERVATION EDUCATION; ECOLOGY; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; ENVIRONMENTAL INFLUENCES; FORESTRY; *INTERDISCIPLINARY APPROACH; JUNIOR HIGH SCHOOLS; NATURAL RESOURCES; OUTDOOR EDUCATION; POLLUTION; PROGRAM DESCRIPTIONS; *RECYCLING; SCHOOL COMMUNITY PROGRAMS; SECONDARY GRADES

IDENTIFIER: *ECOSYSTEMS; SEDRO WOOLLEY PROJECT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 49P.

THIS IDEA-GENERATING DESCRIPTION OF A SUCCESSFUL CLASS PROJECT TELLS HOW SECOND GRADE STUDENTS, THROUGH VIEWING A FILM ON ECOLOGY WERE MOTIVATED TOWARD INVOLVING TEACHERS, SCHOOLS, PARENTS AND COMMUNITY IN A COOPERATIVE EFFORT TO COLLECT USED PAPER FOR RECYCLING. OBJECTIVES OF THE PROJECT WERE TO: 1) ENABLE STUDENTS TO IDENTIFY ENVIRONMENTAL CONCEPTS; 2) ACTIVATE PUPILS TOWARD SOLVING ENVIRONMENTAL PROBLEMS; 3) ENCOURAGE PUPILS IN DISCOVERING THE CAUSES OF ENVIRONMENTAL PROBLEMS; 4) DEVELOP WAYS, MEANS, AND MATERIALS FOR INCORPORATING ENVIRONMENTAL EDUCATION INTO EXISTING CURRICULUM; AND, 5) INVOLVE THE ADULT COMMUNITY IN TREATING ENVIRONMENTAL PROBLEMS. ACTIVITY LEARNING, IN WHICH STUDENTS HAD PRIMARY RESPONSIBILITY FOR PERFORMING DAILY AND WEEKLY TASKS, WAS COMBINED WITH A MULTIDISCIPLINARY APPROACH RELATING THE PROJECT TO THE TOTAL CURRICULUM. MONEY EARNED WAS TO GO TOWARD AN ARBORETUM AT THE SCHOOL. IT WAS CONCLUDED THAT DECISIONS NEED TO BE MADE AS TO THE INTEGRATION, SCOPE, AND SEQUENCE OF ENVIRONMENTAL EDUCATION IN THE EXISTING CURRICULUM. IT IS REQUESTED THAT USERS OF THE REPORT SHARE THEIR RESULTS WITH THE PROJECT STAFF. FOLLOW-UP ACTIVITIES INCLUDE CONTINUATION OF PAPER RECYCLING AND THE POSSIBLE START OF A CENTER FOR RECYCLING BOTTLES AND CANS. SO 002 612 IS A RELATED REPORT. (AUTHOR/SJM)

ACCESSION NUMBER: ED059949

PUBLICATION DATE: NOV 71

TITLE: DEVELOPING ENVIRONMENTAL AWARENESS IN A FIFTH-GRADE CLASS OF "BELOW-AVERAGE" ACHIEVEMENT LEVEL.

PERSONAL AUTHOR: HILLIER, DWIGHT

DESCRIPTOR: ACTIVITY LEARNING; CONCEPT TEACHING; CONSERVATION EDUCATION; *ECOLOGY; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; FIELD INSTRUCTION; GRADE 5; *INTERDISCIPLINARY APPROACH; MATHEMATICS CURRICULUM; OUTDOOR EDUCATION; *PERCEPTION; PROGRAM DESCRIPTIONS; *SLOW LEARNERS

IDENTIFIER: ECOSYSTEMS; *SEDRO WOOLLEY PROJECT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 20P.

THE IDEAS PRESENTED ARE WAYS IN WHICH TEACHERS CAN INCORPORATE ENVIRONMENTAL EDUCATION INTO 5TH GRADE GENERAL OR SLOW LEARNER CURRICULUM. OBJECTIVES OF THE PROJECT WERE TO PROVIDE THE TEACHER WITH AN AID IN TEACHING ABOUT ENVIRONMENT, AND TO HELP THE STUDENT: 1) PERCEIVE AND DEVELOP AN AWARENESS OF THE ENVIRONMENT; 2) RELATE TO HIS ENVIRONMENT; 3) MANIPULATE AND CHANGE THE ENVIRONMENT; 4) REALIZE THAT MATHEMATICS IS A USEFUL TOOL FOR STUDYING ENVIRONMENT; AND, 5) CONDUCT WITHIN THE CLASSROOM EXPERIMENTS ON ENVIRONMENTAL PROJECTS. A CONCEPT, OBJECTIVE, METHOD, AND EVALUATION IS STATED FOR EACH OF THE FIVE MAJOR STUDENT OBJECTIVES. THE PROJECT CLASSROOM WAS SELF CONTAINED, AND MOST OF THE WORK WAS FIELD-ORIENTED WITH VERY LITTLE STUDENT RESEARCH OR WRITTEN WORK. IT WAS CONCLUDED THAT CHANGES OF STUDENT ATTITUDES OCCURRED. LISTS OF SUPPLEMENTAL METHODS ARE INCLUDED WHICH PROVOKE HIGH STUDENT INTEREST, CREATE GOOD LEARNING SITUATIONS, AND ARE POSSIBLE ON A LIMITED BUDGET. RELATED DOCUMENTS ARE: SO 002 611, SO 002 612, AND SO 002 616. (AUTHOR/SJM)

ACCESSION NUMBER: ED061030

PUBLICATION DATE: 71

TITLE: ENVIRONMENTAL EDUCATION RESOURCE CATALOG.

DESCRIPTOR: *ANNOTATED BIBLIOGRAPHIES; *CATALOGS; CONSERVATION EDUCATION; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; INDEXES (LOCATERS); INSTRUCTIONAL MATERIALS; *MULTIMEDIA INSTRUCTION; OUTDOOR EDUCATION; *REFERENCE MATERIALS; SECONDARY GRADES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 96P.

PREPARED FOR THE USE OF ELEMENTARY AND SECONDARY SCHOOL TEACHERS, THIS CATALOG IS DESIGNED TO PROVIDE INFORMATION ABOUT ENVIRONMENTAL EDUCATION MATERIALS WHICH WILL AID IN CLASSROOM PRESENTATIONS AND IN CURRICULUM DEVELOPMENT. SUBJECT AREAS COVER CONSERVATION AND NATURAL RESOURCES, ECOLOGY AND ECOSYSTEMS, ENVIRONMENTAL ACTION AND SURVIVAL, ENVIRONMENTAL LABORATORIES, MAPPING, OUTDOOR EDUCATION, POLLUTION, THE URBAN ENVIRONMENT, AND WILDLIFE ENVIRONMENTS. ITEMS INDEXED AND ANNOTATED ARE CODED AS TO CURRICULUM GUIDES, PAMPHLETS, CHARTS AND POSTERS, PAPERBACK BOOKS, 16MM FILMS, SOUND FILMSTRIPS, ENVIRONMENTAL GAMES, REFERENCE BOOKS, MAGAZINES AND JOURNALS, GEOGRAPHICAL SURVEY MAPS, PICTURE STORIES, RECORDS AND TAPES, AND SLIDES. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT FOR PROJECT OUTREACH, PHOENIX, ARIZONA. (BL)

ACCESSION NUMBER: ED061034

PUBLICATION DATE: 72

TITLE: INTERDISCIPLINARY OUTDOOR EDUCATION, SEA AND SHORE.

PERSONAL AUTHOR: RICHESON, KARREN; KNAACK, JANEY

DESCRIPTOR: ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *MARINE BIOLOGY; *OCEANOLOGY; *OUTDOOR EDUCATION; RESOURCE MATERIALS; *SCIENCE ACTIVITIES; TEACHING GUIDES

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 41P.

THIS TEACHER'S RESOURCE GUIDE CONTAINS A NUMBER OF ACTIVITIES FOR USE PRIMARILY IN KINDERGARTEN THROUGH THIRD GRADE. TWENTY-FOUR CLASSROOM ACTIVITIES ARE DESCRIBED, MOST OF WHICH INVOLVE OBSERVING AND DISCUSSING VARIOUS KINDS OF SEA LIFE FOUND AT THE SEASHORE. BACKGROUND INFORMATION IS PROVIDED IN THE GUIDE SO THAT THE TEACHER CAN USE THIS UNIT WITHOUT REQUIRING MANY OUTSIDE RESOURCES. SUGGESTIONS FOR ORGANIZING A FIELD TRIP TO THE SEASHORE AND FOR CREATING A "SEASHORE ATMOSPHERE" IN THE CLASSROOM ARE INCLUDED, AS IS A LIST OF EQUIPMENT AND SUPPLIES NEEDED FOR THE ACTIVITIES. (PR)

ACCESSION NUMBER: ED061118

PUBLICATION DATE: NOV 71

TITLE: AN ENVIRONMENTALLY RELATED PROGRAM FOR THE FIRST GRADE.

PERSONAL AUTHOR: SHAFER, ANGELYN K.

DESCRIPTOR: CREATIVE ACTIVITIES; CREATIVE WRITING; DANCE; ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; GRADE 1; GRADE 3; INTERDISCIPLINARY APPROACH; *OUTDOOR EDUCATION; PHOTOGRAPHY; REPORTS; TEACHING GUIDES; TEACHING TECHNIQUES

IDENTIFIER: LEARNING ACTIVITY PACKETS; *SEDRO WOOLLEY PROJECT

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 34P.

THIS NARRATIVE DESCRIPTION OF THE AUTHOR'S PARTICIPATION IN AN ENVIRONMENTAL EDUCATION PROGRAM IS INTENDED TO PROVIDE FIRST GRADE TEACHERS WITH IDEAS FOR INCORPORATING MULTIDISCIPLINARY ENVIRONMENTAL EDUCATION INTO THE EXISTING CURRICULUM. ENVIRONMENTAL EDUCATION, WITHIN THIS PUBLICATION, IS BROADLY CONCEIVED. IN ADDITION TO THE MORE TRADITIONAL FOCUS ON EXPERIENCE WITH AND RESPECT FOR LIVING THINGS, A VARIETY OF ATTITUDES AND TECHNIQUES FOR HUMANIZING THE CLASSROOM EXPERIENCE ARE ALSO DISCUSSED. AN APPENDIX INCLUDES THREE LEARNING ACTIVITY PACKAGES: 1) A PROGRAM USING CAMERAS TO INCREASE ENVIRONMENTAL AWARENESS; 2) AN EXPRESSION IN MOVEMENT PROGRAM TO ENHANCE AWARENESS OF SHAPES AND MOTION; AND, 3) A CREATIVE WRITING ACTIVITY (FOR THE THIRD GRADE) THAT CENTERS AROUND THE THEME OF THE PUPIL IN HIS ENVIRONMENT. EACH PACKAGE IS OUTLINED IN TERMS OF OBJECTIVES, ACTIVITIES, THE AUTHOR'S OWN EXPERIENCE WITH THE PACKAGE, AND BOOKS AND MATERIALS REQUIRED. A BIBLIOGRAPHY OF BOOKS, FILMS, AND OTHER AIDS FOR TEACHERS AND STUDENTS IS INCLUDED. (AUTHOR/AWW)

ACCESSION NUMBER: ED062108

PUBLICATION DATE: 71

TITLE: EVERYBODY'S ECOLOGY. A FIELD GUIDE TO PLEASURE AND PERCEPTION IN THE OUT-OF-DOORS.

PERSONAL AUTHOR: SCHOENFELD, CLAY

DESCRIPTOR: *CONSERVATION EDUCATION; *ECOLOGY; ENRICHMENT; *GUIDES; NATURAL RESOURCES; OUTDOOR EDUCATION; *PERCEPTION; PRESERVATION

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 316P.

THIS PRIMER OF ECOLOGICAL PRINCIPLES SERVES AS A PRACTICAL GUIDE TO PLEASURE AND PERCEPTION IN THE OUT-OF-DOORS-PLEASURE IN THE SIMPLE VALUES AND RUSTIC CHARMS OF OUTDOOR RECREATION AND IN AN ECOLOGICAL UNDERSTANDING OF THE GREAT WEB OF LIFE; AND PERCEPTION OF OUR BEAUTIFUL YET THREATENED ENVIRONMENT AND OF THE INDIVIDUAL PRACTICES AND POLICIES THAT CAN PRESERVE AND ENHANCE OUR NATURAL INHERITANCE. USING THE LANGUAGE OF ECOLOGY TO ILLUMINATE THE ENJOYMENT, APPRECIATION, AND CONSERVATION OF NATURAL PROCESSES, THE AUTHOR SHOWS HOW WE CAN ENJOY THE OUTDOORS TO THE MAXIMUM, AT THE SAME TIME PRESERVING THE LAND, FIELDS, AND STREAMS THAT ARE INVALUABLE TO OUR PLANET. THE BOOK IS A SERIES OF SKETCHES ABOUT HUNTING AND FISHING, HIKING AND TOURING, CAMPING AND CABINS, SCENERY AND SEWAGE, CITYSCAPE AND COUNTRYSIDE. IT DISCUSSES CITIZENS IN ACTION IN ENVIRONMENTAL MANAGEMENT, AND THE ECOLOGICAL RULES OF THE GAME. AN AMUSING AND SALIENT FEATURE IS AN IMAGINARY SET OF REPORTS FROM SAMMY THE SQUIRREL, AN UNUSUAL ANIMAL WHO LEAVES HIS WOODLOT TO GO TO THE CAPITAL AS A LOBBYIST FOR CONSERVATION. THROUGH HIS EYES ONE GETS A COMICAL YET THOUGHTFUL VIEW OF THE ONENESS OF MAN AND ENVIRONMENT. (BL)

AVAILABILITY: A. S. BARNES AND CO., INC., CRANBURY, NEW JERSEY 08512 ($7.95)

ACCESSION NUMBER: ED062189

PUBLICATION DATE: SEP 71

TITLE: THE DEVELOPMENT AND EVALUATION OF AUDIO-TUTORIAL PROGRAMMED INSTRUCTION IN LEARNING CONCEPTS OF ECOLOGY AND CONSERVATION. FINAL REPORT.

PERSONAL AUTHOR: PRESNELL, RICHARD W.

DESCRIPTOR: *AUDIOVISUAL AIDS; CONSERVATION EDUCATION; ECOLOGY; *ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; *EVALUATION; INSTRUCTIONAL MATERIALS; OUTDOOR EDUCATION; PROGRAM DESIGN; *PROGRAMED INSTRUCTION; RESEARCH

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$13.16

DESCRIPTIVE NOTE: 326P.

PRESENTED IN THIS FINAL REPORT IS A DESCRIPTION AND EVALUATION OF A ONE YEAR EXPERIMENTAL ENVIRONMENTAL EDUCATION PROGRAM INVOLVING 236 FIFTH AND SIXTH GRADE STUDENTS IN CENTRAL NEW YORK STATE. PRIMARY OBJECTIVE OF THE PROJECT WAS THE DEVELOPMENT, IMPLEMENTATION, AND EVALUATION OF A SERIES OF AUDIO-TAPED LESSONS, DESIGNED TO TEACH UPPER ELEMENTARY SCHOOL CHILDREN SOME BASIC CONCEPTS OF ECOLOGY AND TO EXPOSE THEM TO THE CONSERVATION ATTITUDES INHERENT IN THE CONCEPT OF THE LAND ETHIC. TEN SEQUENTIAL AUDIO-TAPED LESSONS, COMPRISING THREE SEASONAL PROGRAMS, WERE UTILIZED AS THE MODE OF INSTRUCTION. IN ADDITION, THREE SEASONAL CLASS FIELD TRIPS, EACH CONDUCTED UPON THE INSTRUCTED STUDENTS' COMPLETION OF THE AUDIO-TAPED PROGRAM, WERE INCLUDED IN THE OVERALL PROGRAM. ASSESSMENT DEVICES AND TECHNIQUES USED IN EVALUATION WERE STUDENT TESTS, SCHOOL STAFF QUESTIONNAIRE, PERSONAL OBSERVATION OF STUDENTS DURING LESSONS AND FIELD TRIPS, AND COMMUNICATION WITH PARTICIPATING STAFF MEMBERS. PROGRAMED DESIGN AND DEVELOPMENT, IMPLEMENTATION, EVALUATION AND FINDINGS ARE RELATED TOGETHER WITH INSTRUCTIONAL MATERIALS (HARDWARE, SOFTWARE, LESSON SCRIPTS, GAMES, CHARTS, AND FIELD TRIPS) AND SAMPLES OF THE EVALUATION MATERIALS (TESTS, RESPONSES, AND QUESTIONNAIRE). (BL)

ACCESSION NUMBER: ED063060

PUBLICATION DATE: 72

TITLE: CREATIVE OUTDOOR PLAY AREAS.

PERSONAL AUTHOR: MILLER, PEGGY L.

DESCRIPTOR: ACTIVITIES; CHILD DEVELOPMENT; *CHILDHOOD NEEDS; CHILD PSYCHOLOGY; CHILDRENS GAMES; COMMUNITY INVOLVEMENT; CREATIVE DEVELOPMENT; EQUIPMENT; FARM VISITS; GUIDELINES; MANAGEMENT; NATURE CENTERS; *OUTDOOR EDUCATION; *PLAY; PLAYGROUND ACTIVITIES; *PLAYGROUNDS; PLAY THERAPY; *RECREATIONAL FACILITIES

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 121P.

CONSIDERING THE CREATION OF PROPER PLAY AREAS FOR CHILDREN (SCHOOL SITES, MUNICIPAL AND MINI PARKS, PRIVATE HOMES AND BACKYARDS, SHOPPING CENTERS, APARTMENT COMPLEXES, RECREATIONAL AREAS, ROADSIDE PARKS, NURSERY SCHOOLS, CHURCHES, SUMMER CAMPS, AND DRIVE-IN THEATERS) AS ONE OF TODAY'S MAJOR CHALLENGES, THE AUTHOR RECOMMENDS THAT PROFESSIONAL EDUCATORS, ARCHITECTS, REAL ESTATE DEVELOPERS, CITY PLANNERS, PARENTS, PARK AND RECREATION DIRECTORS, AND PRIVATE ORGANIZATION MANAGERS ASSUME A VITAL PART OF THIS CHALLENGE. CONSIDERATIONS FOR DEVELOPMENT OF CREATIVE PLAY AREAS ARE DESCRIBED IN THE BOOK UNDER THE FOLLOWING MAJOR HEADINGS: PLAY AND CHILDREN'S LEARNING; THE IMPORTANCE OF OUTDOOR PLAY; GENERAL GUIDELINES FOR DEVELOPING CREATIVE OUTDOOR PLAY AREAS; SPECIFIC GUIDELINES FOR DEVELOPING CREATIVE OUTDOOR PLAY AREAS: NATURAL TOPOGRAPHICAL FEATURES; CREATIVE PLAY EQUIPMENT; EXAMPLES OF COMPREHENSIVE PLAY AREAS; CHILDREN'S GARDENS; CHILDREN'S FARMS; CHILDREN'S NATURE AREAS; HOW TO PLAN, DEVELOP, AND OPERATE CREATIVE OUTDOOR PLAY AREAS; AND, SPECIAL EVENTS. ALSO INCLUDED ARE ILLUSTRATIONS, APPENDICES (VALUES OF CREATIVE OUTDOOR PLAY AREAS SUMMARIZED, AND, OLD TIME OUTDOOR GAMES), 13 REFERENCES, AND AN INDEX. (MJB)

AVAILABILITY: PRENTICE-HALL, INC., PUBLISHERS, ENGLEWOOD CLIFFS, N.J. 07632 ($5.95)

ACCESSION NUMBER: ED063074

PUBLICATION DATE: 72

TITLE: PERSPECTIVES ON OUTDOOR EDUCATION: READINGS.

PERSONAL AUTHOR: DONALDSON, GEORGE W.; GOERING, OSWALD

DESCRIPTOR: CONSERVATION EDUCATION; CURRICULUM; *EDUCATIONAL PHILOSOPHY; *ENVIRONMENTAL EDUCATION; *HISTORY; INTERNATIONAL PROGRAMS; *OUTDOOR EDUCATION; PROGRAM ADMINISTRATION; *READING MATERIALS; TEACHING

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 233P.

FIFTY-ONE SELECTED READINGS ON OUTDOOR EDUCATION FROM THE "JOURNAL OF OUTDOOR EDUCATION," A PUBLICATION OF NORTHERN ILLINOIS UNIVERSITY, ARE PRESENTED IN THIS BOOK. THE ARTICLES DEAL WITH ENVIRONMENTAL EDUCATION AND SUCH AREAS OF OUTDOOR EDUCATION AS ITS PHILOSOPHY, HISTORY, ADMINISTRATION, CURRICULUM, AND TEACHING. SOME OF THE ARTICLES PERTAIN TO OUTDOOR EDUCATION PROGRAMS IN GERMANY, ENGLAND, SCOTLAND, NEW ZEALAND, DENMARK, AND JAPAN. FIVE ARTICLES PRESENT PERSPECTIVES ON OUTDOOR EDUCATION FROM THE VIEWPOINTS OF A CURRICULUM SPECIALIST, A STATE EDUCATION DEPARTMENT CONSULTANT, A RECREATION EDUCATOR, A RESOURCE GEOGRAPHER, AND A CLASSROOM TEACHER. (NQ)

AVAILABILITY: WILLIAM C. BROWN COMPANY, PUBLISHERS, 135 S. LOCUST ST., DUBUQUE, IOWA 52001 ($3.95)

ACCESSION NUMBER: ED063109

PUBLICATION DATE: 71

TITLE: HOW TO READ THE NATURAL LANDSCAPE IN FORESTS AND FIELDS.

PERSONAL AUTHOR: DAVIS, MILLARD C.

DESCRIPTOR: EARTH SCIENCE; *ECOLOGY; ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; *PLANT SCIENCE; RESOURCE MATERIALS; SCIENCE ACTIVITIES; *TREES

IDENTIFIER: NATIONAL SCIENCE TEACHERS ASSOCIATION

EDRS PRICE: EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 12P.

THIS BOOKLET IS ONE IN A SERIES OF INSTRUCTIONAL AIDS DESIGNED FOR USE BY ELEMENTARY AND SECONDARY SCHOOL SCIENCE TEACHERS. FIRST, THE ORIGINAL NATURAL SCENE OF THE EASTERN PORTION OF THE UNITED STATES IS DESCRIBED, FROM THE ATLANTIC COAST TO THE MISSISSIPPI RIVER, AS IT PROBABLY WAS BEFORE EUROPEAN MAN INVADED IN GREAT NUMBERS. HOW LOCAL CONDITIONS AFFECT PLANT AND ANIMAL SPECIES AND HOW VARIANCES IN THESE SPECIES CAN BE USED TO INDICATE SUBTLE ASPECTS OF LOCAL ENVIRONMENTAL CONDITIONS ARE CONSIDERED NEXT. FINALLY, PRACTICAL EXAMPLES ARE PRESENTED AS EXERCISES IN READING THE LANDSCAPE AND IN SEEING A WHOLE VIEW BY CAREFULLY USING A FEW PARTS. (AUTHOR/PR)

AVAILABILITY: NSTA, 1201 16TH STREET NW, WASHINGTON, D.C. 20036 (STOCK NO. 471-14618, $0.50)

ACCESSION NUMBER: ED063135

PUBLICATION DATE: 71

TITLE: VACANT LOT STUDIES, AN ENVIRONMENTAL INVESTIGATION.

DESCRIPTOR: *ECOLOGY; *ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS; INTERDISCIPLINARY APPROACH; LEARNING ACTIVITIES; OUTDOOR EDUCATION; *TEACHING GUIDES; UNIT PLAN; *URBAN ENVIRONMENT

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 21P.

NEW VIEWS OF THE CITY, TOGETHER WITH NEW APPROACHES FOR SEEING THE CITY IN A POSITIVE WAY (NOT FOR WHAT IT LACKS BUT RATHER FOR WHAT IT OFFERS AS AN OUTDOOR CLASSROOM), ARE SUPPLIED IN THIS TEACHER'S GUIDE FOR GRADES FIVE THROUGH NINE. THE INTERDISCIPLINARY UNIT GIVES THE CITY CHILD AN OPPORTUNITY TO UNDERSTAND ECOLOGY WITHOUT IGNORING THE APPARENT INFLUENCE OF MAN. THE SUGGESTED ACTIVITIES ARE INTENDED TO HELP INSTILL THIS FEELING FOR ECOLOGY BY INVOLVING THE CHILDREN WITH THE STUDY OF THEIR OWN IMMEDIATE ENVIRONMENT. ACTIVITIES DEAL WITH LITTER ON THE LOT; VISITORS TO THE LOT AS DETERMINED BY BURROWS, DROPPINGS, TRACKS AND FOOD; PLANT TYPES AS INDICATED BY PLANT KEYS; AND HOW THE VACANT LOT AFFECTS THE COMMUNITY. TO COMPLETE THESE ACTIVITIES IT IS SUGGESTED THAT STUDENTS HAVE A WORKING KNOWLEDGE OF GRID MAPPING. PRELIMINARY ACTIVITIES ON GRID SYSTEMS, MAP DRAWING, AND GRID GAMES ARE FURNISHED IN THE BACK OF THE BOOKLET FOR THIS PURPOSE. DESCRIPTIONS OF OBJECTIVES AND METHODS, LISTS OF REQUIRED SIMPLE MATERIALS, AND SAMPLE QUESTIONNAIRES AND DATA SHEETS COMBINE TO MAKE THIS A COMPLETE UNIT FOR THE TEACHER TO USE WITH A MINIMUM OF PREPARATION. (BL)

AVAILABILITY: NATIONAL WILDLIFE FEDERATION, 1412 SIXTEENTH STREET NW, WASHINGTON, D.C. 20036 (ORDER NO. 79016, $1.50)

ACCESSION NUMBER: ED063145

PUBLICATION DATE: 71

TITLE: ENVIRONMENTAL AWARENESS BIBLIOGRAPHY.

PERSONAL AUTHOR: SWAN, FRED C.

DESCRIPTOR: *ANNOTATED BIBLIOGRAPHIES; CONSERVATION EDUCATION; CURRICULUM DEVELOPMENT; *ENVIRONMENT; *ENVIRONMENTAL EDUCATION; OUTDOOR EDUCATION; *RECREATION; *REFERENCE MATERIALS

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$3.29

DESCRIPTIVE NOTE: 35P.

ENVIRONMENTAL AWARENESS IS THE THEME OF THIS BIBLIOGRAPHY COMPILED BY THE FRIENDS COUNCIL ON EDUCATION TO ASSIST IN THE TASK OF IMPLEMENTING ENVIRONMENTAL AWARENESS COURSES AND EXPERIENCES INTO THE CROWDED CURRICULA AND EXTRA-CURRICULAR LIFE OF SCHOOLS AND COLLEGES. PART ONE, "DEFINITION OF THE PROBLEM," IS A SELECTED BIBLIOGRAPHY OF PRINTED MATERIAL ON THE ENVIRONMENTAL CRISIS AND WHAT INDIVIDUALS, GROUPS, OR THE ACADEMIC COMMUNITY CAN DO ABOUT IT. PART TWO, "ENVIRONMENTAL EDUCATION," IS AN ANNOTATED BIBLIOGRAPHY WITH FOUR SUB-SECTIONS ON (1) OUTDOOR EDUCATION, (2) CONSERVATION EDUCATION, (3) NATURE EDUCATION, AND (4) ENVIRONMENTAL EDUCATION--PROGRAMS, COURSES OF STUDY, AND LESSON PLANS. PART THREE, "ENVIRONMENTAL RECREATION," IS AN ANNOTATED BIBLIOGRAPHY OF OUTDOOR RECREATION LITERATURE INCLUDING A NUMBER OF REFERENCES ON CANOEING, HIKING, MOUNTAIN CLIMBING, CROSS-COUNTRY SKIING, BACKPACKING, AND OTHER "OUTWARD BOUND" TYPES OF ACTIVITIES. THIS BIBLIOGRAPHY HAS BEEN DEVELOPED PRIMARILY TO AID FRIENDS SCHOOLS AND COLLEGES IN PREPARING FOR THE ENVIRONMENTAL DECADE, ONE OF RENEWED FAITH AND PRACTICE BASED UPON AN ECOLOGICAL AWARENESS OF THE TOTAL ENVIRONMENT. (BL)

112

ACCESSION NUMBER: ED063151

PUBLICATION DATE: SEP 71

TITLE: ENVIRONMENTAL CENTER FOR OUR SCHOOLS, CURRICULUM GUIDE, GRADES 4,5,6.

DESCRIPTOR: *CURRICULUM GUIDES; *ECOLOGY; ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; *INTERMEDIATE GRADES; LEARNING ACTIVITIES; NATURAL RESOURCES; NATURAL SCIENCES; *OUTDOOR EDUCATION; TEACHING GUIDES

IDENTIFIER: ESEA TITLE III

EDRS PRICE: EDRS PRICE MF-$0.65 HC-$6.58

DESCRIPTIVE NOTE: 157P.

INCLUDED IN THIS CURRICULUM GUIDE ARE OUTDOOR AND ENVIRONMENTAL STUDY ACTIVITIES FOR GRADES FOUR, FIVE AND SIX. THE ACTIVITIES ARE DESIGNED TO HELP CHILDREN APPRECIATE THE BEAUTIES OF THE FOREST, POND, AND FIELD, TO HAVE THEM OBSERVE THE INTERDEPENDENCE OF LIVING THINGS IN EACH COMMUNITY, AND TO SEE THE ROLE EACH MEMBER PLAYS IN MAINTAINING AN ECOLOGICAL BALANCE IN THE COMMUNITY. BOTH CLASSROOM AND ON-SITE ACTIVITIES AND SUGGESTIONS ARE PROVIDED TO BETTER COORDINATE THE LEARNING EXPERIENCES. WHERE APPROPRIATE EACH ACTIVITY DEFINES ITS OBJECTIVE, MATERIALS NEEDED, PROCEDURE TO FOLLOW, AND DISCUSSION QUESTIONS. ALSO INCLUDED IS A LIST OF INVESTIGATIONS FROM THE CLASSROOM LABORATORY MANUAL WHICH DIRECTLY RELATE TO ENVIRONMENTAL CENTER FOR OUR SCHOOLS (ECOS) ACTIVITIES FOR THAT PARTICULAR GRADE LEVEL. FACILITIES AT FOREST PARK, SPRINGFIELD, MASSACHUSETTS ARE UTILIZED IN THE ECOS PROJECT. THIS WORK WAS PREPARED UNDER AN ESEA TITLE III CONTRACT. (BL)

ACCESSION NUMBER: ED063216

PUBLICATION DATE: 72

TITLE: YOUTH AND THE ENVIRONMENT: AN EVALUATION OF THE 1971 YOUTH CONSERVATION CORPS.

PERSONAL AUTHOR: MARANS, ROBERT W.; AND OTHERS

DESCRIPTOR: *CONSERVATION EDUCATION; ECOLOGY; ENVIRONMENT; *ENVIRONMENTAL EDUCATION; NATURAL RESOURCES; *OUTDOOR EDUCATION; *PROGRAM EVALUATION; SECONDARY SCHOOL STUDENTS; SELF CONCEPT; SOCIAL ATTITUDES; SUMMER PROGRAMS; WORK EXPERIENCE PROGRAMS; YOUTH EMPLOYMENT; *YOUTH PROGRAMS

EDRS PRICE: DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTIVE NOTE: 280P.

THIS REPORT PRESENTS THE RESULTS OF A STUDY OF APPROXIMATELY 2400 YOUNG PEOPLE WHO, FOR 8 WEEKS IN THE SUMMER OF 1971, PARTICIPATED IN THE FIRST PART OF A THREE-YEAR YOUTH CONSERVATION CORPS PILOT PROGRAM. THE MAIN OBJECTIVE OF THE STUDY IS TO EVALUATE THE IMPACT OF THE PROGRAM ON THE YOUNG PEOPLE IN REGARD TO ENVIRONMENTAL EDUCATION, SOCIAL RELATIONS, SKILL-DEVELOPMENT, AND SELF CONCEPT. PROGRAM EVALUATIONS ARE BASED UPON RESPONSES FROM THREE SOURCES OF INFORMATION; A GROUP-ADMINISTERED QUESTIONNAIRE GIVEN TO INDIVIDUAL CORPS MEMBERS AT THE BEGINNING AND AT THE END OF THEIR CAMP SESSIONS; A CAMP DIRECTORS' QUESTIONNAIRE; AND SELECTED CAMP SITE VISITS. RESEARCH FINDINGS SHOW THAT MOST RESPONSES OF CORPS MEMBERS TO THE CAMP PROGRAM WERE VERY FAVORABLE. THEY STATED THAT THE EXPERIENCE NOT ONLY CONTRIBUTED TO THE DEVELOPMENT OF QUALITY WORK AND RECREATIONAL SKILLS, BUT ALSO INCREASED THEIR ABILITY TO LIVE WITH AND ACCEPT OTHER PEOPLE. WHILE CORPS MEMBERS ENTERED AND LEFT THE PROGRAM HIGHLY CONCERNED ABOUT ENVIRONMENTAL PROGRAMS, ENVIRONMENTAL KNOWLEDGE AND UNDERSTANDING INCREASED ONLY SLIGHTLY. TWO DIRECTIONS RECOMMENDED FOR FUTURE RESEARCH ARE TO CONTINUE THE ANALYSIS OF DATA COLLECTED IN 1971, AND, SECONDLY, COLLECT NEW DATA BEYOND 1971. (AUTHOR/SJM)

AVAILABILITY: INSTITUTE FOR SOCIAL RESEARCH, PUBLICATIONS DIVISION, UNIVERSITY OF MICHIGAN, P. O. BOX 1248, ANN ARBOR, MICHIGAN 48106 ($5.00 SINGLE COPY; QUANTITY DISCOUNTS)

PART II: CITATIONS FROM

CURRENT INDEX TO JOURNALS IN EDUCATION

ACCESSION NUMBER: EJ028107

PUBLICATION DATE: NOV-DEC '70

TITLE: WILL I EVER CATCH ANOTHER BUTTERFLY?

PERSONAL AUTHOR: DEFRIES, GERALD B.

DESCRIPTOR: ATHLETICS; CONSERVATION EDUCATION; ECOLOGY; *INTEGRATED CURRICULUM; *JUNIOR HIGH SCHOOL STUDENTS; *OUTDOOR EDUCATION

IDENTIFIER: ASPEN MIDDLE SCHOOL; COLORADO

JOURNAL CITATION: JOURNAL OF HEALTH PHYSICAL EDUCATION AND RECREATION; 41; 9; 40-3

ACCESSION NUMBER: EJ028112

PUBLICATION DATE: NOV '70

TITLE: UNEARTHING AN INDIAN CULTURE

PERSONAL AUTHOR: GETTINGS, DUANE

DESCRIPTOR: *AMERICAN INDIANS; *ARCHAEOLOGY; *CURRICULUM; *INTERDISCIPLINARY APPROACH; LABORATORY TECHNIQUES; OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; SCIENCE ACTIVITIES; *SECONDARY SCHOOL SCIENCE

JOURNAL CITATION: SCIENCE TEACHER; 37; 8; 59-61

ACCESSION NUMBER: EJ028113

PUBLICATION DATE: NOV '70

TITLE: DIGGING UP THE PAST

PERSONAL AUTHOR: OLSEN, ROBERT C.

DESCRIPTOR: *ARCHAEOLOGY; INTERDISCIPLINARY APPROACH; *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; *SCIENCE ACTIVITIES; SECONDARY SCHOOL SCIENCE

JOURNAL CITATION: SCIENCE TEACHER; 37; 8; 63-64

ACCESSION NUMBER: EJ028505

PUBLICATION DATE: OCT '70

TITLE: NEW YORK COLLEGE TO TRAIN RECREATION MANAGERS

DESCRIPTOR: *COLLEGE PROGRAMS; CURRICULUM; FACILITIES; *MANAGEMENT EDUCATION; OUTDOOR EDUCATION; RECREATIONAL ACTIVITIES; *RECREATIONAL PROGRAMS; *TRAINING; VOCATIONAL EDUCATION

IDENTIFIER: *APPALACHIA

JOURNAL CITATION: APPALACHIA: 4; 2; 15-20

ACCESSION NUMBER: EJ029209

TITLE: OUTDOOR EDUCATION, DAYTON STYLE

PERSONAL AUTHOR: CHAVEZ, SIMON J.

DESCRIPTOR: *OUTDOOR EDUCATION; *POLLUTION

JOURNAL CITATION: JOURNAL OF ENVIRONMENTAL EDUCATION; 2; 9-10

ACCESSION NUMBER: EJ029388

PUBLICATION DATE: JAN '71

TITLE: THE LIVING WORLD: THE PHYSICAL ENVIRONEMNT

PERSONAL AUTHOR: STAPP, WILLIAM B.

DESCRIPTOR: COMPREHENSIVE PROGRAMS; *ECOLOGY; EDUCATIONAL NEEDS; *ENVIRONMENTAL EDUCATION; OUTDOOR EDUCATION; *PHYSICAL ENVIRONMENT; POLLUTION

AN APPEAL FOR SCHOOLS TO EMBARK ON A COMPREHENSIVE ENVIRONMENTAL EDUCATION PROGRAM. (WY)

JOURNAL CITATION: CHILDHOOD EDUCATION; 47; 4; 178-181

ACCESSION NUMBER: EJ029389

PUBLICATION DATE: JAN '71

TITLE: AN ENVIRONMENT THAT SUPPORTS MAN

PERSONAL AUTHOR: GRATZ, PAULINE

DESCRIPTOR: *ECOLOGICAL FACTORS; ECOLOGY; *EDUCATIONAL RESPONSIBILITY; *ENVIRONMENTAL EDUCATION; OUTDOOR EDUCATION; *POLLUTION

CONSIDERS TWO INTERLINKING THREATS TO HUMAN EXISTENCE - THE DEPLETION OF OXYGEN AND THE LEACHING OF NITROGEN-AND EXPLORES WHAT CAN BE DONE TO OVERCOME THEM. (WY)

JOURNAL CITATION: CHILDHOOD EDUCATION; 47; 4; 182-185

ACCESSION NUMBER: EJ029390

PUBLICATION DATE: JAN '71

TITLE: ROCKS, RIVERS AND CITY CHILDREN

PERSONAL AUTHOR: KERLIN, SARAH M.

DESCRIPTOR: DISCUSSION (TEACHING TECHNIQUE); ELEMENTARY SCHOOL STUDENTS; *ENVIRONMENTAL EDUCATION; *FIELD TRIPS; *MAP SKILLS; MODELS; *OUTDOOR EDUCATION; *URBAN YOUTH

REPORTS A SERIES OF URBAN-CENTERED ENCOUNTERS WHICH HELPED SOME NEW YORK CITY CHILDREN BECOME AWARE OF THE PROCESSES THAT SHAPE THEIR ENVIRONMENT AND THE EARTH. (WY)

JOURNAL CITATION: CHILDHOOD EDUCATION; 47; 4; 186-190

ACCESSION NUMBER: EJ029391

PUBLICATION DATE: JAN '71

TITLE: OCEANS AND CHILDREN: MARINE SCIENCE AND ECOLOGICAL UNDERSTANDING

PERSONAL AUTHOR: LINSKY, RONALD B.

DESCRIPTOR: ECOLOGY; *ENVIRONMENTAL EDUCATION; *FIELD TRIPS; *INTERDISCIPLINARY APPROACH; LABORATORIES; *MARINE BIOLOGY; OCEANOLOGY; *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS

IDENTIFIER: ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

TEACHERS AND CHILDREN ALIKE LEARN A REVERENCE FOR LIFE IN THIS HANDS-ON APPROACH TO THE STUDY OF OCEANOGRAPHY AND MARINE ECOLOGY. (WY)

JOURNAL CITATION: CHILDHOOD EDUCATION; 47; 4; 191-194

ACCESSION NUMBER: EJ029392

PUBLICATION DATE: JAN '71

TITLE: RESOURCES FOR ENVIRONMENTAL EDUCATORS: ECOLOGY AND TEACHERS

PERSONAL AUTHOR: ABBOTT, MARGARET, COMP.

DESCRIPTOR: *BIBLIOGRAPHIES; *BOOKLISTS; ECOLOGY; *ENVIRONMENTAL EDUCATION; FORESTRY; *INSTRUCTIONAL MATERIALS; OUTDOOR EDUCATION; POLLUTION; *RESOURCE GUIDES

JOURNAL CITATION: CHILDHOOD EDUCATION; 47; 4; 200-201

ACCESSION NUMBER: EJ029624

PUBLICATION DATE: F '70

TITLE: WHRE WE HAVE BEEN-WHAT WE ARE--WHAT WE WILL BECOME. THE TAFT CAMPUS OUTDOOR EDUCATION AWARD LECTURE, 1970

PERSONAL AUTHOR: SMITH, JULIAN W.

DESCRIPTOR: CURRICULUM DEVELOPMENT; EDUCATIONAL EXPERIENCE; *EDUCATIONAL HISTORY; *OBJECTIVES; *OUTDOOR EDUCATION; PROGRAM DEVELOPMENT; RESIDENT CAMP PROGRAMS

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 1; 3-7

ACCESSION NUMBER: EJ029625

PUBLICATION DATE: F '70

TITLE: PERSPECTIVE: A STATE EDUCATION DEPARTMENT CONSULTANT LOOKS AT OUTDOOR EDUCATION

PERSONAL AUTHOR: ROSENSTEIN, IRWIN

DESCRIPTOR: *CURRICULUM DESIGN; *OBJECTIVES; ORGANIZATION; *OUTDOOR EDUCATION; *PROGRAM DEVELOPMENT; *STATE DEPARTMENTS OF EDUCATION; TEACHER EDUCATION

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 1; 8-11

ACCESSION NUMBER: EJ029626

PUBLICATION DATE: F '70

TITLE: EARTH SCIENCE FIELD EXPERIENCES IN THE CITY

PERSONAL AUTHOR: YASSO, WARREN E.; BROVEY, DANIEL J.

DESCRIPTOR: ELEMENTARY SCHOOL STUDENTS; *FIELD TRIPS; *GEOLOGY; *OUTDOOR EDUCATION; *PILOT PROJECTS; SCIENTIFIC CONCEPTS; *URBAN TEACHING

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 1; 13-15

ACCESSION NUMBER: EJ030072

PUBLICATION DATE: OCT '70

TITLE: AN EXERCISE IN WINTER ECOLOGY

PERSONAL AUTHOR: MURPHY, JAMES

DESCRIPTOR: AREA STUDIES; *BIOLOGY; *ECOLOGY; ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES

JOURNAL CITATION: SCIENCE TEACHER; 37; 7; 59-61

ACCESSION NUMBER: EJ030446

PUBLICATION DATE: F '70

TITLE: LEARNING ABOUT LEISURE IN RELATION TO THE ENVIRONMENT

PERSONAL AUTHOR: HUTCHINS, H. CLIFTON

DESCRIPTOR: CONSERVATION EDUCATION; LEARNING ACTIVITIES; *LEISURE TIME; *NATURAL RESOURCES; OUTDOOR EDUCATION; *PARKS; *RECREATION

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 1; 16-19

ACCESSION NUMBER: EJ030578

PUBLICATION DATE: F '70

TITLE: THE NAME OF THE GAME IS RECREATION RESEARCH

PERSONAL AUTHOR: SHAFER, ELWOOD L., JR.

DESCRIPTOR: *OUTDOOR EDUCATION; *RECREATION; *RESEARCH; *SYSTEMS APPROACH

JOURNAL CITATION: JOURNAL OF ENVIRONMENTAL EDUCATION; 2; 1; 30-4

ACCESSION NUMBER: EJ031421

PUBLICATION DATE: SUM '70

TITLE: A THESAURUS OF KEYWORDS FOR INDEXING AND RETRIEVAL OF RECREATION LITERATURE

PERSONAL AUTHOR: BURY, RICHARD L.; STOUT, NEIL J.

DESCRIPTOR: CLASSIFICATION; INDEXES (LOCATERS); INDEXING; *INFORMATION RETRIEVAL; LITERATURE; *OUTDOOR EDUCATION; *PERMUTED INDEXES; *RECREATION; SUBJECT INDEX TERMS; *THESAURI

JOURNAL CITATION: JOURNAL OF LEISURE RESEARCH; 2; 3; 171-204

ACCESSION NUMBER: EJ031901

PUBLICATION DATE: DEC '70

TITLE: THE CLASSROOM FOCUS ON ENVIRONMENTAL EDUCATION

PERSONAL AUTHOR: VIVIAN, V. EUGENE; RILLO, THOMAS J.

DESCRIPTOR: *CURRICULUM DESIGN; *ENVIRONMENTAL EDUCATION; *INTERDISCIPLINARY APPROACH; *OUTDOOR EDUCATION

JOURNAL CITATION: NJEA REVIEW; 44; 4; 24-7

ACCESSION NUMBER: EJ032028

PUBLICATION DATE: DEC '70/JAN '71

TITLE: DYNAMICS OF THE ROGERS CONSERVATION EDUCATION CENTER

PERSONAL AUTHOR: WEEKS, JOHN A.

DESCRIPTOR: *ENVIRONMENTAL EDUCATION; *NATURE CENTERS; *OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS

IDENTIFIER: NEW YORK

JOURNAL CITATION: CONSERVATIONIST; 25; 3; 7-9

ACCESSION NUMBER: EJ032067

PUBLICATION DATE: NOV '70

TITLE: A ¬NATURALISTIC" APPROACH TO TEACHING ORAL AND WRITTEN COMMUNICATION

PERSONAL AUTHOR: OLSON, JACK R.

DESCRIPTOR: *AURALLY HANDICAPPED; *CAMPING; COMMUNICATION (THOUGHT TRANSFER); *EXCEPTIONAL CHILD SERVICES; FIELD TRIPS; OUTDOOR EDUCATION; SPEECH THERAPY; TEACHING MACHINES; WRITTEN LANGUAGE

JOURNAL CITATION: AMERICAN ANNALS OF THE DEAF; 115; 7; 690-2

ACCESSION NUMBER: EJ032214

PUBLICATION DATE: DEC '70

TITLE: LABORATORY SCHOOL AND FIELD CAMPUS USED IN A BIOLOGY METHODS COURSE

PERSONAL AUTHOR: BULLINGTON, ROBERT A.; WITTRUP, ROBERT C.

DESCRIPTOR: *BIOLOGY; *ECOLOGY; *FIELD STUDIES; *INSTRUCTION; METHODS COURSES; OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; *TEACHER EDUCATION

DESCRIBES PROCEDURES USED TO PROVIDE TRAINEE TEACHERS WITH EXPERIENCE IN CONDUCTING ECOLOGICAL FIELD STUDIES, INCLUDING PRELIMINARY CLASSROOM INSTRUCTION, RESIDENTIAL FIELD EXPERIENCE, FOLLOW-UP CLASSROOM WORK, AND TESTING AND EVALUATION. SUMMARIZES OPINIONS OF STUDENTS AND TRAINEE TEACHERS ON THE WORTH OF THE EXPERIENCE. (AL)

JOURNAL CITATION: AMERICAN BIOLOGY TEACHER; 32; 9; 537-543

ACCESSION NUMBER: EJ032579

PUBLICATION DATE: JAN '71

TITLE: SCHOOL CAMPING PROGRAMS: ECOLOGY IN THE OUTDOOR CLASSROOM

PERSONAL AUTHOR: DWYER, ROBERT L.

DESCRIPTOR: BIOLOGICAL SCIENCES; *DISCOVERY LEARNING; EDUCATIONAL OBJECTIVES; *ENVIRONMENTAL EDUCATION; INTERDISCIPLINARY APPROACH; *OUTDOOR EDUCATION; PROBLEM SOLVING; *RESIDENT CAMP PROGRAMS; *SOCIAL STUDIES; URBAN YOUTH

OUTLINES THE ADVANTAGES OF SUCH PROGRAMS FOR NON-RURAL YOUTH, ONE BEING INCREASED AWARENESS OF ECOLOGY IN THEIR HOME ENVIRONMENT. (DB)

JOURNAL CITATION: SOCIAL EDUCATION; 35; 1; 74-77

ACCESSION NUMBER: EJ032988

PUBLICATION DATE: JAN '71

TITLE: ROWBOAT OCEANOGRAPHY

PERSONAL AUTHOR: HON, WILL

DESCRIPTOR: *ECOLOGY; *ENVIRONMENTAL EDUCATION; *OCEANOLOGY; OUTDOOR EDUCATION; *SCIENCE ACTIVITIES; SCIENCE EQUIPMENT

JOURNAL CITATION: SCIENCE TEACHER; 38; 1; 27-30

ACCESSION NUMBER: EJ033158

PUBLICATION DATE: FEB '71

TITLE: TOUCH-FEEL LEARNING AT THE TALLAHASSEE JUNIOR MUSEUM

PERSONAL AUTHOR: GRISSETT, HELEN T.

DESCRIPTOR: *EDUCATIONAL PROGRAMS; *ENVIRONMENTAL EDUCATION; *MUSEUMS; *NATURE CENTERS; OUTDOOR EDUCATION; *SOCIAL STUDIES

THIS IS A TEACHER'S ACCOUNT OF THE EXCITING AND UNEXPECTED ENCOUNTERS THAT NATURE CAN PROVIDE. (AUTHOR/AJ)

JOURNAL CITATION: CHILDHOOD EDUCATION; 47; 5; 261-264

ACCESSION NUMBER: EJ033161

PUBLICATION DATE: W '71

TITLE: PERSPECTIVE: OUTDOOR EDUCATION FROM AN ARTIST'S POINT OF VIEW

PERSONAL AUTHOR: PEARSON, JAMES E.

DESCRIPTOR: *ART EXPRESSION; ART MATERIALS; CERAMICS; *CREATIVE ART; INTEGRATED ACTIVITIES; *NATURAL RESOURCES; *OUTDOOR EDUCATION; PAINTING; SCULPTURE

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 2; 3-5

ACCESSION NUMBER: EJ033162

PUBLICATION DATE: W '71

TITLE: A SUMMER SPEECH AND LANGUAGE CAMP FOR THE DEAF

PERSONAL AUTHOR: OLSON, JACK

DESCRIPTOR: *ADOLESCENTS; *DEAF EDUCATION; *EXPRESSIVE LANGUAGE; *LANGUAGE DEVELOPMENT; LEISURE TIME; NATURAL RESOURCES; OUTDOOR EDUCATION; *RESIDENT CAMP PROGRAMS

IDENTIFIER: MONTANA

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 2; 8-10

ACCESSION NUMBER: EJ033163

PUBLICATION DATE: W '71

TITLE: CONSERVATION AND OUTDOOR EDUCATION IN VENEZUELA

PERSONAL AUTHOR: HORN, B. RAY

DESCRIPTOR: AGENCIES; *CONSERVATION EDUCATION; *DAY CAMP
PROGRAMS; ELEMENTARY SCHOOL STUDENTS; *FOREIGN COUNTRIES;
HEALTH; *OUTDOOR EDUCATION; *RESIDENT CAMP PROGRAMS;
SECONDARY SCHOOL STUDENTS; VOCATIONAL EDUCATION

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 2: 11-13

ACCESSION NUMBER: EJ033171

PUBLICATION DATE: JAN '71

TITLE: EDUCATIONAL STRATEGIES FOR AN ENVIRONMENTAL ETHIC

PERSONAL AUTHOR: LINSKY, RONALD B.

DESCRIPTOR: *ENVIRONMENTAL EDUCATION; INTERDISCIPLINARY
APPROACH; MARINE BIOLOGY; NATURAL SCIENCES; OUTDOOR
EDUCATION; PROGRAM DESCRIPTIONS; SCIENTIFIC CONCEPTS

JOURNAL CITATION: SCIENCE TEACHER; 38; 1; 16-18

ACCESSION NUMBER: EJ033214

PUBLICATION DATE: MAR '71

TITLE: EMPLOYMENT OPPORTUNITIES AND EDUCATIONAL REQUIREMENTS FOR JOBS IN OUTDOOR RECREATION

PERSONAL AUTHOR: ANNIS, W. H.

DESCRIPTOR: *AGRICULTURAL EDUCATION; *CURRICULUM DEVELOPMENT; EDUCATIONAL NEEDS; *EMPLOYMENT OPPORTUNITIES; ENVIRONMENTAL EDUCATION; JOB SKILLS; *OUTDOOR EDUCATION; *RECREATION

JOURNAL CITATION: AGRICULTURAL EDUCATION MAGAZINE; 43; 9; 216-217

ACCESSION NUMBER: EJ033350

PUBLICATION DATE: FEB '71

TITLE: SCHUYLKILL VALLEY NATURE CENTER

PERSONAL AUTHOR: NEWBOLD, BILL

DESCRIPTOR: ADULTS; *NATURE CENTERS; *OUTDOOR EDUCATION; *PHYSICAL FACILITIES; *PROGRAM DESIGN; STUDENTS; URBAN POPULATION

IDENTIFIER: *PENNSYLVANIA

JOURNAL CITATION: PARKS AND RECREATION; 6; 2; 14-18, 54

ACCESSION NUMBER: EJ033358

PUBLICATION DATE: MAR '71

TITLE: A SCHOOL ARBORETUM

PERSONAL AUTHOR: GAMBINO, ROBERT B.

DESCRIPTOR: *AGRICULTURAL EDUCATION; *BOTANY; *EDUCATIONAL FACILITIES; ENVIRONMENTAL EDUCATION; *LEARNING LABORATORIES; *ORNAMENTAL HORTICULTURE; OUTDOOR EDUCATION; PLANT IDENTIFICATION

JOURNAL CITATION: AGRICULTURAL EDUCATION MAGAZINE; 43; 9; 218-219

ACCESSION NUMBER: EJ033421

PUBLICATION DATE: DEC '70

TITLE: ENVIRONMENTAL EDUCATION WORKSHOP EXPERIENCE FOR THE MENTALLY RETARDED

PERSONAL AUTHOR: MCFADDEN, LORRAINE K.; TENDRICK, DOROTHY A.

DESCRIPTOR: CAMPING; *CONSERVATION EDUCATION; *EDUCABLE MENTALLY HANDICAPPED; *ENVIRONMENTAL EDUCATION; *EXCEPTIONAL CHILD EDUCATION; OUTDOOR EDUCATION

IDENTIFIER: WISCONSIN

THE ARTICLE PREVIOUSLY APPEARED IN THE MAY 1970 ISSUE OF THE WISCONSIN JOURNAL OF EDUCATION, UNDER THE TITLE RETARDED CHILDREN CAMP OUT. (AUTHOR)

JOURNAL CITATION: MENTAL RETARDATION; 8; 6; 29-31

ACCESSION NUMBER: EJ033978

PUBLICATION DATE: W '71

TITLE: FJELLHEIMEN LEIRSKOLE. AN EXPERIMENTAL SCHOOL CAMP FOR THE MENTALLY HANDICAPPED

PERSONAL AUTHOR: TRAGETON, MARTA; THORSTEIN, NILS

DESCRIPTOR: *EXPERIMENTAL PROGRAMS; *FOREIGN COUNTRIES; *MENTALLY HANDICAPPED; OBJECTIVES; *OUTDOOR EDUCATION; PHYSICAL ACTIVITIES; *RESIDENT CAMP PROGRAMS; SCHOOL SCHEDULES

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 5; 2; 16-19

ACCESSION NUMBER: EJ034006

PUBLICATION DATE: MAR '71

TITLE: ENVIRONMENTAL MANAGEMENT AND VOCATIONAL AGRICULTURE

PERSONAL AUTHOR: GRUBOUGH, RICHARD; AND OTHERS

DESCRIPTOR: *AGRICULTURAL EDUCATION; *ENVIRONMENTAL EDUCATION; FORESTRY; LEARNING LABORATORIES; *NATURAL RESOURCES; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; SECONDARY GRADES; *VOCATIONAL AGRICULTURE

JOURNAL CITATION: AGRICULTURAL EDUCATION MAGAZINE; 43; 9; 222-223

ACCESSION NUMBER: EJ034122

PUBLICATION DATE: FEB '71

TITLE: SUMMER SCHOOL OUTDOORS

PERSONAL AUTHOR: HAERER, DEANE N.

DESCRIPTOR: *OUTDOOR EDUCATION; *SUMMER SCHOOLS; *TEAM TEACHING

JOURNAL CITATION: TODAY'S EDUCATION; 60; 2; 18-9

ACCESSION NUMBER: EJ035079

PUBLICATION DATE: MAR 71

TITLE: A MATTER OF LIFE OR DEATH

PERSONAL AUTHOR: HECHT, JAMES L.

DESCRIPTOR: *ACCIDENT PREVENTION; OUTDOOR EDUCATION; *PARKS; *RECREATIONAL ACTIVITIES; *SAFETY EDUCATION; TOURISM; TRAFFIC PATTERNS

JOURNAL CITATION: PARKS AND RECREATION; 6; 3; 39-40, 51-2

ACCESSION NUMBER: EJ035192

PUBLICATION DATE: FEB 71

TITLE: ENVIRONMENTAL STUDY IN THE CITY

PERSONAL AUTHOR: OVERCASH, J. ROSSON

DESCRIPTOR: BIOLOGICAL SCIENCES; *ECOLOGY; *ELEMENTARY SCHOOL SCIENCE; ENVIRONMENTAL EDUCATION; INNER CITY; *INSTRUCTION; OUTDOOR EDUCATION; *SCIENCE ACTIVITIES; *URBAN ENVIRONMENT

JOURNAL CITATION: SCIENCE TEACHER; 38; 2; 18-20

ACCESSION NUMBER: EJ036305

PUBLICATION DATE: MAR-APR 71

TITLE: FIELD REPORTS ON THREE ENVIRONMENTAL EDUCATION PROGRAMS

PERSONAL AUTHOR: BERGFELD, KRISTIN

DESCRIPTOR: *CONSERVATION EDUCATION; *ENVIRONMENTAL EDUCATION; ENVIRONMENTAL INFLUENCES; *NATURE CENTERS; OUTDOOR EDUCATION; TEACHER WORKSHOPS

DESCRIBES THE ENVIRONMENTAL EDUCATION PROGRAMS BEING OFFERED ON THEODORE ROOSEVELT ISLAND, IN WASHINGTON, D. C.; IN ARLINGTON COUNTY, VIRGINIA, AND IN HERKIMER COUNTY, NEW YORK. (AUTHOR)

JOURNAL CITATION: EDUCATIONAL PRODUCT REPORT NUMBERS 33-34; 4; 6-7; 84

ACCESSION NUMBER: EJ036306

PUBLICATION DATE: APR 71

TITLE: CASE HISTORY OF AN ENVIRONMENTAL PROGRAM

PERSONAL AUTHOR: RHEN, GEORGE

DESCRIPTOR: *CAMPING; *EDUCATIONAL PROGRAMS; *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; *SCIENCE EDUCATION

DESCRIBES HOW ONE SCHOOL PIONEERED A PROGRAM THAT HAS PROVED VALUABLE TO STUDENTS, TEACHERS, AND COMMUNITY. (AUTHOR/JF)

JOURNAL CITATION: SCHOOL MANAGEMENT; 15; 4; 21-23

ACCESSION NUMBER: EJ036717

PUBLICATION DATE: APR/MAY 71

TITLE: WALK, LOOK AND LEARN

PERSONAL AUTHOR: RANDORF, GARY

DESCRIPTOR: *ENVIRONMENTAL EDUCATION; *INSTRUCTION; *OUTDOOR EDUCATION; *TEACHING TECHNIQUES; *TRAILS

JOURNAL CITATION: CONSERVATIONIST; 25; 4; 6-8

ACCESSION NUMBER: EJ036866

PUBLICATION DATE: MAY 71

TITLE: THE NOBLE SAVAGE, 1971: SUGGESTIONS FOR SURVIVAL READING

PERSONAL AUTHOR: CRUSH, MARION A.

DESCRIPTOR: BOOKLISTS; *ENVIRONMENTAL EDUCATION; *LIBRARY COLLECTIONS; *OUTDOOR EDUCATION

IDENTIFIER: *SURVIVAL

THE 15 SURVIVAL BOOKS LISTED WILL PROVIDE A GOOD BASIC COLLECTION. (MF)

JOURNAL CITATION: WILSON LIBRARY BULLETIN; 45; 9; 864-869

ACCESSION NUMBER: EJ037599

PUBLICATION DATE: APR 71

TITLE: ENVIRONMENTAL EDUCATION IN THE K-12 SPAN

PERSONAL AUTHOR: BALZER, LEVON

DESCRIPTOR: BEHAVIORAL OBJECTIVES; CONSERVATION EDUCATION; *CURRICULUM PLANNING; ELEMENTARY SCHOOLS; *ENVIRONMENTAL EDUCATION; *OBJECTIVES; OUTDOOR EDUCATION; SECONDARY SCHOOLS

DESCRIBES A SCIENCE-BASED THREE DIMENSIONAL MODEL (AFFECTIVE, COGNITIVE, AND PROCESSES AND SKILLS) FOR ENVIRONMENTAL EDUCATION FOR GRADES K-12. PROVIDES ILLUSTRATIVE BEHAVIORAL OBJECTIVES AND SUGGESTS LISTS OF CONTENT AND LEARNING EXPERIENCES SUITABLE FOR PRIMARY, INTERMEDIATE, MIDDLE SCHOOL, AND HIGH SCHOOL STUDENTS. (AL)

JOURNAL CITATION: AMERICAN BIOLOGY TEACHER; 33; 4; 220-225

ACCESSION NUMBER: EJ037739

PUBLICATION DATE: SPR 71

TITLE: OUTDOOR EDUCATION'S CHALLENGE: ¬DON'T PLAY IT AGAIN, SAM"

PERSONAL AUTHOR: CORSO, EMANUELE

DESCRIPTOR: *BEHAVIORAL OBJECTIVES; *EDUCATIONAL OBJECTIVES; *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; POLLUTION; *SELF CONCEPT; TEACHING METHODS

MANKIND, ESPECIALLY IN INDUSTRIALIZED SOCIETY, HAS BEEN SO REMOVED FROM A FUNDAMENTAL VIEW OF HIMSELF THAT IT IS SMALL WONDER HE IS CAPABLE OF DESTROYING HIS NATURAL ENVIRONMENT. EDUCATION MUST SOLVE THE PROBLEM AT ITS SOURCE--THE SELF. (AN)

JOURNAL CITATION: JOURNAL OF OUTDOOR RECREATION; 5; 3; 3-5

ACCESSION NUMBER: EJ037740

PUBLICATION DATE: SPR 71

TITLE: FIFTY YEARS OF OUTDOOR EDUCATION IN THE FRANKFURT, GERMANY SCHOOLS

PERSONAL AUTHOR: GOERING, OSWALD H.

DESCRIPTOR: CURRICULUM; EDUCATIONAL OBJECTIVES; *FOREIGN COUNTRIES; *HISTORY; NATURE CENTERS; *OUTDOOR EDUCATION; *RESIDENT CAMP PROGRAMS; SOCIAL DEVELOPMENT; SUMMER PROGRAMS

IDENTIFIER: *GERMANY

JOURNAL CITATION: JOURNAL OF OUTDOOR RECREATION; 5; 3; 6-9

ACCESSION NUMBER: EJ037741

PUBLICATION DATE: SPR 71

TITLE: OUTDOOR EDUCATION IN NEW ZEALAND

PERSONAL AUTHOR: WILLS, DUDLEY; SCHOLER, E. A.

DESCRIPTOR: *CAMPING; FINE ARTS; *FOREIGN COUNTRIES; HEALTH EDUCATION; NATURAL SCIENCES; *OUTDOOR EDUCATION; SOCIAL STUDIES; *TEACHER EDUCATION CURRICULUM; WRITING SKILLS

IDENTIFIER: *NEW ZEALAND

JOURNAL CITATION: JOURNAL OF OUTDOOR RECREATION; 5; 3; 10-12

ACCESSION NUMBER: EJ038124

PUBLICATION DATE: MAR 71

TITLE: A CLOSER LOOK AT ENVIRONMENTAL EDUCATION

PERSONAL AUTHOR: LABINOWICH, ED

DESCRIPTOR: CONSERVATION EDUCATION; ECOLOGY; *ENVIRONMENTAL EDUCATION; *INSTRUCTION; *OUTDOOR EDUCATION; SCIENCE ACTIVITIES; SCIENCE MATERIALS; *SCIENTIFIC CONCEPTS; *URBAN EDUCATION

IDENTIFIER: PIAGET (JEAN); SCIENCE CURRICULUM IMPROVEMENT PROJECT (SCIS)

DISCUSSES BASIC CONCEPTS FOR ENVIRONMENTAL EDUCATION IN ELEMENTARY SCHOOLS. MATERIALS AND ACTIVITIES ARE VIEWED IN RELATION TO INSTRUCTIONAL PURPOSES AND CHILD DEVELOPMENT. EMPHASIS IS PLACED ON PROCEDURES WITH URBAN CHILDREN. (JM)

JOURNAL CITATION: SCIENCE AND CHILDREN; 8; 6; 31-35

ACCESSION NUMBER: EJ038395

PUBLICATION DATE: SPR 71

TITLE: OUTDOOR PURSUITS WITH EDUCATIONALLY SUB-NORMAL PUPILS IN NORTHUMBERLAND COUNTY, ENGLAND

PERSONAL AUTHOR: SLEE, GEORGE H.; JONES, ORVILLE E.

DESCRIPTOR: *DISADVANTAGED YOUTH; *FOREIGN COUNTRIES; LEISURE TIME; MALES; *OUTDOOR EDUCATION; RECREATIONAL ACTIVITIES; *RESIDENT CAMP PROGRAMS; SOCIAL DEVELOPMENT

IDENTIFIER: *ENGLAND

JOURNAL CITATION: JOURNAL OF OUTDOOR RECREATION; 5; 3; 13-15

ACCESSION NUMBER: EJ038410

PUBLICATION DATE: SPR 71

TITLE: HIGH SCHOOL STUDENT LEADERS AT THE OUTDOOR SCHOOL

PERSONAL AUTHOR: FAITH, DAVID W.

DESCRIPTOR: *CAMP COUNSELORS; GRADE 5; *HIGH SCHOOL STUDENTS; *OUTDOOR EDUCATION; RESIDENT CAMP PROGRAMS; STUDENT TEACHER RELATIONSHIP; *YOUTH LEADERS

IDENTIFIER: *WASHINGTON STATE

JOURNAL CITATION: JOURNAL OF OUTDOOR RECREATION; 5; 3; 19-20

ACCESSION NUMBER: EJ038440

PUBLICATION DATE: JUL 71

TITLE: WORLD OF AGRICOLOGY

PERSONAL AUTHOR: CASERTA, JOHN A.

DESCRIPTOR: *AGRICULTURAL EDUCATION; *AGRICULTURE; *ECOLOGY; ELEMENTARY GRADES; ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; *PROGRAM DEVELOPMENT; PROGRAM PLANNING; RECREATIONAL ACTIVITIES; SECONDARY GRADES

JOURNAL CITATION: AGRICULTURAL EDUCATION MAGAZINE; 44; 1; 20-21

ACCESSION NUMBER: EJ039393

PUBLICATION DATE: SPR 71

TITLE: OVER-NIGHT CAMPING FOR RETARDATES

PERSONAL AUTHOR: MARTIN, WILLIAM B.

DESCRIPTOR: *CAMPING; *HANDICAPPED STUDENTS; *INSERVICE TEACHER EDUCATION; *MENTAL RETARDATION; *OUTDOOR EDUCATION

JOURNAL CITATION: NEW CAMPUS; 24; 19-20

ACCESSION NUMBER: EJ039637

PUBLICATION DATE: MAY 71

TITLE: WHAT THE WORLD NEEDS NOW: ENVIRONMENTAL EDUCATION FOR YOUNG CHILDREN

PERSONAL AUTHOR: KLUGE, JEAN

DESCRIPTOR: *DISCOVERY PROCESSES; *ENVIRONMENTAL EDUCATION; *INTERACTION; *LEARNING EXPERIENCE; OUTDOOR EDUCATION; *RETENTION

THROUGH OBSERVATION AND FIRST-HAND EXPERIENCES, CHILDREN WILL BECOME SENSITIVE TO THEIR ENVIRONMENT; AND AS THEY MATURE, THEIR AWARENESS WILL FORM THE BASIS FOR INTELLIGENT ACTION NECESSARY TO PROTECT OUR NATURAL RESOURCES. (AUTHOR)

JOURNAL CITATION: YOUNG CHILDREN; 26; 5; 260-263

ACCESSION NUMBER: EJ041706

PUBLICATION DATE: APR 71

TITLE: EDUCATION--WHERE IT'S AT

PERSONAL AUTHOR: MCKINNON, MARIAN

DESCRIPTOR: *CAMPING; *FIELD TRIPS; GRADE 7; *OUTDOOR EDUCATION

IDENTIFIER: *CANADA

JOURNAL CITATION: ORBIT; 2; 2; 24-25

ACCESSION NUMBER: EJ042734

PUBLICATION DATE: JUL/SEP 71

TITLE: PLANNING AND SEQUENCE IN OUTDOOR SCIENCE ACTIVITIES

PERSONAL AUTHOR: SCOTT, HARRY V.

DESCRIPTOR: BIOLOGY; CLASSIFICATION; *ELEMENTARY SCHOOL SCIENCE; *FIELD STUDIES; *INSTRUCTION; MAPS; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES

JOURNAL CITATION: SCIENCE EDUCATION; 55; 3; 265-267

ACCESSION NUMBER: EJ044013

PUBLICATION DATE: SUM 71

TITLE: POND INLET OUTDOOR SCHOOL

PERSONAL AUTHOR: BRINTELL, LEIGH

DESCRIPTOR: *CULTURAL AWARENESS; CULTURAL FACTORS; *EDUCATIONAL OBJECTIVES; *ESKIMOS; *OUTDOOR EDUCATION; *PARENT TEACHER COOPERATION; PROGRAM DESCRIPTIONS

REPRINTED FROM ¬ARCTURUS," V1 N3, JAN. 1971. (LS)

JOURNAL CITATION: NORTHIAN; 8; 2; 24-31

ACCESSION NUMBER: EJ045718

PUBLICATION DATE: NOV 71

TITLE: WHAT SCHOOLS ARE DOING: A ROUNDUP OF NEW AND UNUSUAL SCHOOL PRACTICES

DESCRIPTOR: ECOLOGY; *EDUCATIONAL INNOVATION; ENVIRONMENTAL EDUCATION; *FLIGHT TRAINING; *FOOD SERVICE; *OUTDOOR EDUCATION; PUBLIC RELATIONS; *SCHOOL COMMUNITY RELATIONSHIP; SCHOOL DESIGN; VOCATIONAL EDUCATION

LATEST IDEAS INCLUDE A SCHOOL WITH TUNNELS AND SLIDES, AVIATION TRAINING, AN OUTDOOR CURRICULUM FOR CAMPERS, AND A DOOR-TO-DOOR PR CAMPAIGN. (AUTHOR)

JOURNAL CITATION: NATION'S SCHOOLS; 88; 5; 62-64

ACCESSION NUMBER: EJ047812

PUBLICATION DATE: OCT 71

TITLE: RECREATIONAL LANGUAGE THERAPY FOR THE DEAF

PERSONAL AUTHOR: OLSON, JACK R.

DESCRIPTOR: *DEAF CHILDREN; DEAF EDUCATION; OUTDOOR EDUCATION; PRESERVICE EDUCATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; *RESIDENT CAMP PROGRAMS; SPEECH THERAPY; *SUMMER PROGRAMS

IDENTIFIER: *MONTANA STATE UNIVERSITY SPEECH DEPARTMENT

JOURNAL CITATION: BRITISH JOURNAL OF DISORDERS OF COMMUNICATION; 6; 2; 173-76

ACCESSION NUMBER: EJ048201

PUBLICATION DATE: JAN 72

TITLE: FIRSTS FOR RECREATION AND DANCE

PERSONAL AUTHOR: BLAUFARB, MARJORIE

DESCRIPTOR: COLLEGE COOPERATION; DANCE; *EDUCATION COURSES; *INNOVATION; *OUTDOOR THEATERS; *PARK DESIGN; RECREATIONAL FACILITIES; SOCIAL RECREATION PROGRAMS; *THEATER ARTS

IDENTIFIER: WOLF TRAP FARM PARK

JOURNAL CITATION: JOURNAL OF HEALTH, PHYSICAL EDUCATION AND RECREATION; 43; 1; 10-12

ACCESSION NUMBER: EJ048404

PUBLICATION DATE: JAN 72

TITLE: CHILDREN'S SCIENCE WALK

PERSONAL AUTHOR: FRAMKE, RICHARD W.

DESCRIPTOR: ANIMAL SCIENCE; BOTANY; *DEMONSTRATION PROGRAMS; FLUID POWER EDUCATION; *NATURAL SCIENCES; *OUTDOOR EDUCATION

IDENTIFIER: JEFFERSON SCHOOL: NILES (ILLINOIS)

ARTICLE DESCRIBES OUTDOOR SCIENCE LEARNING CENTER CONSTRUCTED AT MINIMUM COST WITH HELP OF PARENTS AND LANDSCAPE ARCHITECT. FIVE-THOUSAND-SQUARE-FOOT AREA INCLUDES GARDEN, FOREST, WATERFALL, HYDROELECTRIC PLANT, MILL, WEATHER STATION, AVIARY, ANIMAL CAGES, TOPOGRAPHICAL SANDPIT, TEACHING STATION AND SPECIMEN DISPLAY CASES. (PD)

JOURNAL CITATION: TODAY'S EDUCATION; 61; 1; 29

ACCESSION NUMBER: EJ048589

PUBLICATION DATE: F 71

TITLE: THE MANY FACES OF OUTDOOR EDUCATION

PERSONAL AUTHOR: CARLSON, REYNOLD E.

DESCRIPTOR: *ECOLOGY; EDUCATIONAL OBJECTIVES; *ENVIRONMENTAL INFLUENCES; *OUTDOOR EDUCATION; *PERSONAL ADJUSTMENT; RECREATION; *SELF CONGRUENCE

MANKIND, IN THIS INCREASINGLY TECHNOLOGICAL ERA, IS URGED TO SEEK THE COMMON GOAL OF PRESERVING EARTH FOR LIVING THINGS. (MB)

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 6; 1; 3-7

ACCESSION NUMBER: EJ049326

PUBLICATION DATE: DEC 71

TITLE: THERE'S A WHEELCHAIR IN THE WOODS

PERSONAL AUTHOR: STONE, EDWARD H.

DESCRIPTOR: *HANDICAPPED; *OUTDOOR EDUCATION; PHYSICALLY HANDICAPPED; *RECREATIONAL FACILITIES; RECREATIONISTS; SAFETY; TRAILS; VISUALLY HANDICAPPED

JOURNAL CITATION: PARKS AND RECREATION; 6; 12; 18-21,48-9

ACCESSION NUMBER: EJ049328

PUBLICATION DATE: F 71

TITLE: LETS TRY DAY CAMPING

PERSONAL AUTHOR: RUSSELL, HELEN ROSS

DESCRIPTOR: *ACTIVITIES; *CAMPING; GRADE 6; *OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS; *PUBLIC SCHOOLS

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 6; 1; 8, 13-14

ACCESSION NUMBER: EJ049329

PUBLICATION DATE: F 71

TITLE: WHERE ARE YOU TODAY?

PERSONAL AUTHOR: WIENER, MORRIS

DESCRIPTOR: CAMPING; COMMUNICATION (THOUGHT TRANSFER); *OUTDOOR EDUCATION; *PHILOSOPHY

THIS ARTICLE PROVIDES A STATEMENT ON OUTDOOR EDUCATION WHICH IS TO BE USED AS AN INSTRUMENT IN STIMULATING DIALOGUE BETWEEN THE JOURNAL AND INTERESTED READERS. (GC)

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 6; 1; 10-11

ACCESSION NUMBER: EJ049855

PUBLICATION DATE: FEB 72

TITLE: PERSPECTIVE: LANDSCAPE DRAWING AND PAINTING

PERSONAL AUTHOR: BRANDSTADTER, JUDITH

DESCRIPTOR: *ART EDUCATION; *FREEHAND DRAWING; OUTDOOR EDUCATION; *PAINTING; *VISUAL DISCRIMINATION; VISUAL PERCEPTION

IDENTIFIER: *LANDSCAPE DRAWING

AUTHOR SUGGESTS TEACHING THE PRINCIPLES OF PERSPECTIVE OUTDOORS WHERE PUPILS CAN SKETCH NEIGHBORING TREES, HOUSES AND STREETS. THESE SESSIONS CAN BE FOLLOWED BY PAINTING LESSONS IN WHICH THE USE OF COLOR TO GAIN PERSPECTIVE IS THEN EMPHASIZED. AUTHOR INCLUDES USEFUL HINTS AND QUESTIONS TO EVALUATE STUDENTS' GRASP OF SUBJECT. (PD)

JOURNAL CITATION: SCHOOL ARTS; 71; 6; 24-5

ACCESSION NUMBER: EJ049860

PUBLICATION DATE: DEC 10 71

TITLE: A SCHOOL CAMERA CLUB

PERSONAL AUTHOR: SMITH, R. A.

DESCRIPTOR: *ADULT EDUCATION; COCURRICULAR ACTIVITIES; *CURRICULUM DEVELOPMENT; EDUCATIONAL EQUIPMENT; *HOBBIES; INTEGRATED ACTIVITIES; OUTDOOR EDUCATION; *PHOTOGRAPHY

IDENTIFIER: HOLLAND PARK SCHOOL (ENGLAND)

ARTICLE DESCRIBES THE COORDINATED PROGRAM OF LONDON'S HOLLAND PARK SCHOOL CAMERA CLUB AND PHOTOGRAPHY COURSE, INCLUDING THE EVENING CLASSES FOR ADULTS. LINKS WITH THE ART, TECHNICAL AND SCIENCE DEPARTMENTS ARE PLANNED. TEACHERS ARE ENCOURAGED TO USE THE PHOTOGRAPHY DEPARTMENT EQUIPMENT AFTER SCHOOL HOURS. (PD)

JOURNAL CITATION: TIMES (LONDON) EDUCATIONAL SUPPLEMENT; 2951; 34

ACCESSION NUMBER: EJ050780

PUBLICATION DATE: FEB 72

TITLE: LOOKING AT SHAPES

PERSONAL AUTHOR: CARSON, JANET W.

DESCRIPTOR: *ART ACTIVITIES; *ART EDUCATION; ELEMENTARY SCHOOL STUDENTS; OUTDOOR EDUCATION; *VISUAL LEARNING: *VISUAL PERCEPTION

IDENTIFIER: *PHOTOGRAMS

ARTICLE DETAILS TECHNIQUE OF MAKING PHOTOGRAMS WITH BLUEPRINT PAPER. SECOND-GRADERS BROUGHT SMALL OBJECTS TO SCHOOL, ARRANGED THEM INDOORS IN DESIGNS, THEN WENT OUTSIDE TO DUPLICATE THE PATTERNS USING BLUEPRINT PAPER. THE EXPERIENCE OF SEEING THE SUNLIGHT BLEACH THE PAPER BEFORE THEIR EYES IS DESCRIBED AS BOTH STIMULATING AND PARTICULARLY ENJOYABLE. (PD)

JOURNAL CITATION: SCHOOL ARTS; 71: 6; 28-9

ACCESSION NUMBER: EJ052401

PUBLICATION DATE: FEB 72

TITLE: THE GUT CLUB

PERSONAL AUTHOR: JIRAK, IVAN L.

DESCRIPTOR: CAMPING; DEFACTO SEGREGATION; *FIELD EXPERIENCE PROGRAMS; *INTEGRATION METHODS; OUTDOOR EDUCATION; *RACE RELATIONS

IDENTIFIER: GET US TOGETHER; OLIVER SENIOR HIGH SCHOOL (PITTSBURGH)

DESCRIBES A SUCCESSFUL PROGRAM OF INDIVIDUALIZING STUDENTS TO EACH OTHER'S RACE BY WAY OF OUTDOOR ACTIVITIES SUCH AS ROCK CLIMBING, PARACHUTING, RIVER RUNNING, ETC. SO AS TO DEFUSE RACIAL TENSIONS. (AN)

JOURNAL CITATION: CLEARING HOUSE; 46; 6: 343-6

ACCESSION NUMBER: EJ052814

PUBLICATION DATE: MAR 72

TITLE: GREEN THUMB TRICKS: A SCHOOL NATURE TRAIL

PERSONAL AUTHOR: ABRAHAM, GEORGE; ABRAHAM, KATY

DESCRIPTOR: *ELEMENTARY SCHOOL CURRICULUM; ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; SCIENCE EDUCATION; *TRAILS; URBAN EDUCATION

TELLS OF AN ELEMENTARY SCHOOL'S FIRST ENCOUNTER WITH OUTDOOR EDUCATION AND THE SUBSEQUENT DEVELOPMENT OF A NATURE TRIAL WHERE ALL SUBJECTS ARE TAUGHT. (DR)

JOURNAL CITATION: INSTRUCTOR: 81; 7; 80

ACCESSION NUMBER: EJ052886

PUBLICATION DATE: F 71

TITLE: THE FANTASTIC GROWTH OF OUR NATURE MOVEMENT

PERSONAL AUTHOR: GILLIAM, HAROLD

DESCRIPTOR: ACTIVITIES; *EDUCATIONAL PROGRAMS; ENVIRONMENT; NATURAL RESOURCES; *NATURAL SCIENCES; *OUTDOOR EDUCATION

IDENTIFIER: CALIFORNIA

JOURNAL CITATION: NATURE STUDY; 25; 3; 6, 14

ACCESSION NUMBER: EJ052887

PUBLICATION DATE: F 71

TITLE: YOUTH IN THE BRITISH LANDSCAPE

PERSONAL AUTHOR: BRAINERD, JOHN W.

DESCRIPTOR: ECOLOGY; EDUCATIONAL PROGRAMS; *ENVIRONMENTAL EDUCATION; *FOREIGN COUNTRIES; LEARNING ACTIVITIES; *MANAGEMENT; *NATURAL RESOURCES; OUTDOOR EDUCATION

IDENTIFIER: GREAT BRITAIN

JOURNAL CITATION: NATURE STUDY; 25; 3; 7, 14

ACCESSION NUMBER: EJ053877

PUBLICATION DATE: MAR 72

TITLE: FIELD TRIPS AS A FOCAL POINT

PERSONAL AUTHOR: FORAKER, DAVID

DESCRIPTOR: EDUCATIONAL PROGRAMS; ENRICHMENT ACTIVITIES; *ENRICHMENT EXPERIENCE; *FIELD TRIPS; *INSTRUCTIONAL TRIPS; OUTDOOR EDUCATION; *READING IMPROVEMENT; STUDENT EXPERIENCE; SUMMER PROGRAMS; *SUMMER SCHOOLS

DESCRIBES A SUMMER SCHOOL PROGRAM FOR LOW ACHIEVERS IN READING, WHICH WAS BASED ON TRAVEL EXPERIENCES. (DR)

JOURNAL CITATION: INSTRUCTOR; 81; 7; 104-5

ACCESSION NUMBER: EJ054271

PUBLICATION DATE: MAR 72

TITLE: AGI'S BOULDER OPERATION

PERSONAL AUTHOR: ROMEY, WILLIAM D.

DESCRIPTOR: CURRICULUM DEVELOPMENT; *EARTH SCIENCE; *ENVIRONMENTAL EDUCATION; GEOLOGY; OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; *TEACHER EDUCATION; URBAN EDUCATION

ENVIRONMENTAL STUDIES FOR URBAN YOUTH (ES) FOR FIRST GRADE THROUGH COLLEGE AND THE PRIMARY CONCERNS OF THE EARTH SCIENCE TEACHER PREPARATION PROJECT (ESTPP), BOTH DEVELOPED BY THE AGI'S EARTH SCIENCE EDUCATION PROGRAM, ARE CONSIDERED. (PR)

JOURNAL CITATION: GEOTIMES; 17; 3; 24-26

ACCESSION NUMBER: EJ054814

PUBLICATION DATE: W 71

TITLE: OUTDOOR EDUCATION IN ENGLAND

PERSONAL AUTHOR: MCALLISTER, A.

DESCRIPTOR: ENVIRONMENTAL EDUCATION; FIELD INSTRUCTION; *LEARNING ACTIVITIES; NATURAL RESOURCES; *OUTDOOR EDUCATION; *PERCEPTION

IDENTIFIER: ENGLAND

USING PART OF A SCHOOL FIELD, ENGLISH STUDENTS SURVEYED A SMALL PLOT OF GROUND PRIMARILY FOR MAPPING PURPOSES. THIS, IN TURN, LED TO AN INVESTIGATION OF PLANT, ANIMAL, AND INSECT LIFE AND ACCOMPANYING DEVELOPMENT OF AWARENESS SKILLS. (BL)

JOURNAL CITATION: JOURNAL OF ENVIRONMENTAL EDUCATION; 3; 2; 41

ACCESSION NUMBER: EJ055059

PUBLICATION DATE: W 71

TITLE: SCHOOL IN THE SNOW IN NEW YORK

PERSONAL AUTHOR: KASKOUN, RICHARD W.

DESCRIPTOR: EDUCATIONAL PROGRAMS; *ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; *INNOVATION; *OUTDOOR EDUCATION; PROGRAM DEVELOPMENT

IDENTIFIER: ESEA TITLE III; NEW YORK

UTILIZING SNOWSHOES, STUDENTS IN PROJECT R.A.C.E. (REGIONAL APPROACH ON CONSERVATION IN EDUCATION) HAVE CONTINUED THEIR OUT-OF-DOOR ACTIVITIES AND ENVIRONMENTAL STUDIES THROUGHOUT THE WINTER. INITIATION AND DEVELOPMENT OF THE PROGRAM ARE EXPLAINED. (BL)

JOURNAL CITATION: JOURNAL OF ENVIRONMENTAL EDUCATION; 3; 2; 27-28

ACCESSION NUMBER: EJ055376

PUBLICATION DATE: W 71

TITLE: ON THE ELEMENTARY FIRING LINE IN UTAH

PERSONAL AUTHOR: HETZEL, LOUISE

DESCRIPTOR: ACTIVITY LEARNING; *ELEMENTARY GRADES; *ENVIRONMENTAL EDUCATION; *FIELD TRIPS; *LEARNING EXPERIENCE; OUTDOOR EDUCATION; UNITED STATES HISTORY

IDENTIFIER: ENVIRONMENTAL STUDY AREA

RELATES THE EXPERIENCES OF A SECOND GRADE TEACHER CONDUCTING A FIELD TRIP TO A PIONEER CABIN IN ARCHES NATIONAL MONUMENT, MOAB, UTAH. CHILDREN PARTICIPATE IN ACTIVITIES CHARACTERISTIC OF THAT PERIOD. (BL)

JOURNAL CITATION: JOURNAL OF ENVIRONMENTAL EDUCATION; 3; 2; 18-19

ACCESSION NUMBER: EJ055737

PUBLICATION DATE: W 72

TITLE: OUTDOOR EDUCATION IN CANADA

PERSONAL AUTHOR: WIPPER, KIRK A. W.

DESCRIPTOR: CAMPING; ORGANIZATIONS (GROUPS); *OUTDOOR EDUCATION; PROGRAMS; RECREATION

IDENTIFIER: *CANADA

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 6; 2; 3-6

ACCESSION NUMBER: EJ055738

PUBLICATION DATE: W 72

TITLE: EDUCATION'S OUTER SPACE

PERSONAL AUTHOR: RAILTON, ESTHER

DESCRIPTOR: COLLEGE ROLE; *OUTDOOR EDUCATION; *SURVEYS

PROVIDES OBSERVATIONS MADE AS A RESULT OF THE AUTHOR'S VISITS TO 81 CAMPS AND SCHOOLS THAT PROVIDE OUTDOOR AND/OR ENVIRONMENTAL EDUCATION. (MB)

JOURNAL CITATION: JOURNAL OF OUTDOOR EDUCATION; 6; 2; 7-12

ACCESSION NUMBER: EJ055740

PUBLICATION DATE: APR 72

TITLE: OUTDOOR EDUCATION: ITS PROMISING FUTURE

PERSONAL AUTHOR: DONALDSON, GEORGE W.; DONALDSON, ALAN D.

DESCRIPTOR: CHILD DEVELOPMENT; *COMMUNITY INVOLVEMENT; ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; RESEARCH NEEDS; TEACHER EDUCATION

JOURNAL CITATION: JOURNAL OF HEALTH PHYSICAL EDUCATION AND RECREATION; 43; 4; 23-8

ACCESSION NUMBER: EJ056013

PUBLICATION DATE: SPR 72

TITLE: OUTDOOR LIVING AND LEARNING COMPLEMENT EACH OTHER

PERSONAL AUTHOR: SHEA, THOMAS M.; AND OTHERS

DESCRIPTOR: *ELEMENTARY SCHOOL STUDENTS; *EXCEPTIONAL CHILD EDUCATION; *HANDICAPPED CHILDREN; *OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS

DESCRIBED IS AN OUTDOOR LABORATORY EXPERIENCE PROGRAM DESIGNED TO COMPLEMENT AND REINFORCE CLASSROOM INSTRUCTION FOR THE EXCEPTIONAL CHILD OF ELEMENTARY SCHOOL AGE. (CB)

JOURNAL CITATION: TEACHING EXCEPTIONAL CHILDREN; 4; 3; 108-18

ACCESSION NUMBER: EJ056972

PUBLICATION DATE: MAY 72

TITLE: THE DESIGN OF AN OUTDOOR LABORATORY PROGRAM FOR THE ENVIRONMENTAL SCIENCES

PERSONAL AUTHOR: SMITH, WILLIAM N.

DESCRIPTOR: *ENVIRONMENTAL EDUCATION; LABORATORY EXPERIMENTS; *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; *PROGRAM DESIGN; *SCIENCE ACTIVITIES; *SECONDARY SCHOOL SCIENCE

DESCRIBED WERE A SELECTED GROUP OF OUTDOOR LABORATORY EXPERIENCES UTILIZING THE TECHNIQUES AND CONCEPTS OF THE CONTEMPORARY INDOOR LABORATORIES. (AUTHOR/CP)

JOURNAL CITATION: SCHOOL SCIENCE AND MATHEMATICS; 72; 5; 399-404

ACCESSION NUMBER: EJ058336

PUBLICATION DATE: JUN/JUL 72

TITLE: SCHOOL FOREST - AN OUTDOOR CLASSROOM

PERSONAL AUTHOR: CHAPPELL, LINDA LEE

DESCRIPTOR: BEHAVIORAL OBJECTIVES; *COURSE OBJECTIVES; *FIELD TRIPS; *GRADE 5; *OUTDOOR EDUCATION; *TEACHING TECHNIQUES

DESCRIBES A ONE OR TWO NIGHT CAMPING TRIP FOR FIFTH GRADERS THAT IS PART OF THE MADISON, WISCONSIN FOREST PROGRAM, CREATED TO GIVE STUDENTS A CONCENTRATED STUDY OF NATURE AND PROVIDE THE EXPERIENCES OF GROUP LIVING. (RB)

JOURNAL CITATION: INSTRUCTOR; 81; 10; 30

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